NUR77 Rabbit mAb

Catalog No: #49510

Package Size: #49510-1 50ul #49510-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	NUR77 Rabbit mAb
Clone No.	S59-11
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Synthetic peptide within Human NUR77 aa 10-49 / 598.
Other Names	Early response protein NAK1 antibody GFRP 1 antibody GFRP antibody GFRP1 antibody Growth factor inducible nuclear protein N10 antibody Growth Factor Inducible Nuclear Protein NP10 antibody Growth Factor Response Protein 1 antibody Hbr1 antibody HMR antibody Hormone Receptor antibody MGC9485 antibody N10 antibody N10 nuclear protein antibody NAK 1 antibody NAK1 antibody Nerve growth factor IB nuclear receptor variant 1 antibody NGFIB antibody NP 10 antibody NP10 antibody NR4A1 antibody NR4A1_HUMAN antibody Nuclear hormone receptor NUR/77 antibody Nuclear Hormone Receptor TR3 antibody Nuclear receptor subfamily 4 group A member 1 antibody NUR77 antibody NUR77, mouse, homolog of antibody Orphan nuclear receptor HMR antibody Orphan nuclear receptor NR4A1 antibody Orphan nuclear receptor TR3 antibody Orphan receptor tr3 antibody Receptor NGFIB antibody ST 59 antibody ST-59 antibody ST59 antibody Steroid receptor TR3 antibody Testicular receptor 3 antibody TR 3 antibody TR3 antibody TR3 orphan receptor antibody
Accession No.	Swiss-Prot#:P22736
Uniprot	P22736
GeneID	3164;
Calculated MW	64 kDa
Formulation	1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

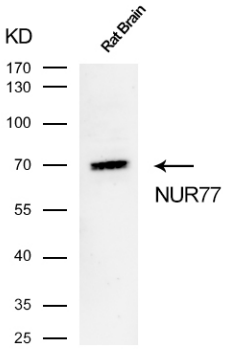
Application Details

WB: 1:500-1:1000

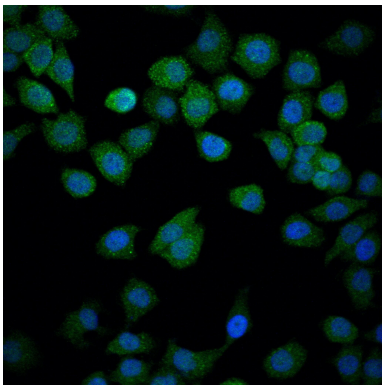
IHC: 1:50-1:200

ICC: 1:50-1:200

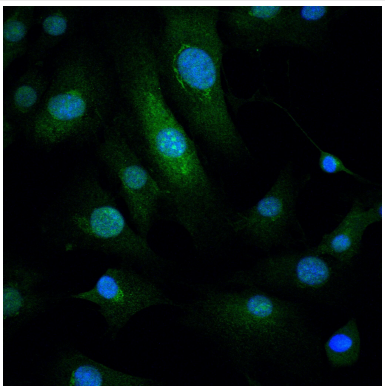
Images



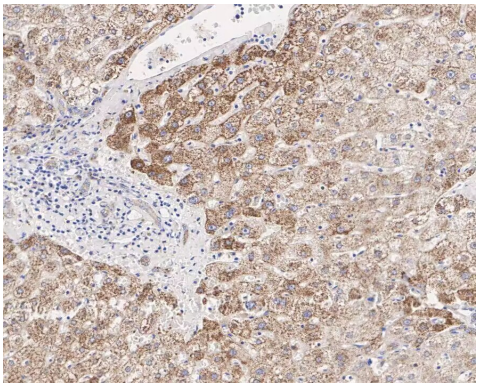
Western blot analysis of NUR77 on rat brain cells lysates using anti-NUR77 antibody at 1/500 dilution.



ICC staining of NUR77 in Hela cells (green).4% PFA fixed cells 20 minutes, washed with PBS. Cells were probed with the primary antibody (49510,1/50) overnight at 4°C, washed with PBS.CoraLite488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/100 dilution.The nuclear counter stain is DAPI (blue).

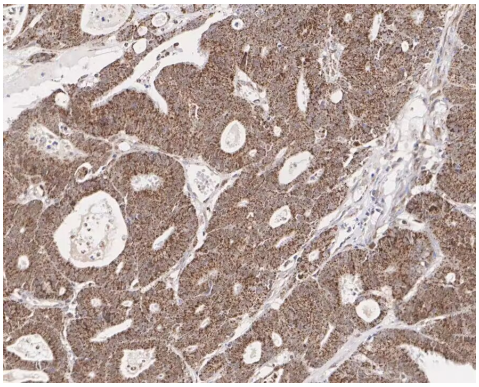


ICC staining of NUR77 in 3T3-L1 cells (green).4% PFA fixed cells 20 minutes, washed with PBS. Cells were probed with the primary antibody (49510,1/50) overnight at 4°C, washed with PBS.CoraLite488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/100 dilution.The nuclear counter stain is DAPI (blue).



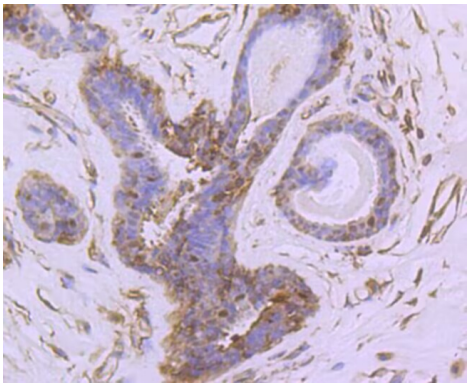
Immunohistochemical analysis of paraffin-embedded human liver tissue with Rabbit anti-NUR77 antibody (ET1703-97) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

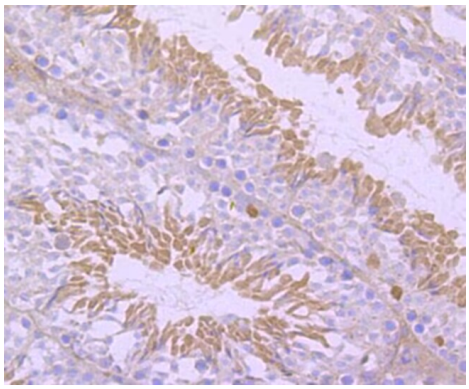


Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue with Rabbit anti-NUR77 antibody at 1/1,000 dilution.

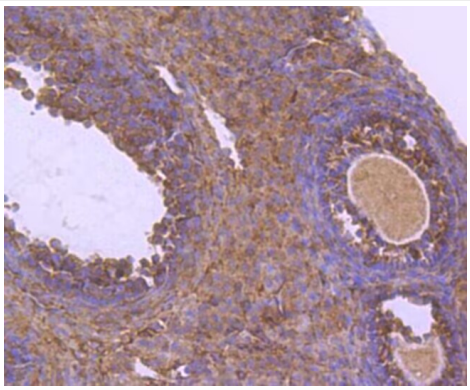
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-NUR77 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes.The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-NUR77 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes.The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemical analysis of paraffin-embedded mouse ovarian tissue using anti-NUR77 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes.The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Background

Nurr1 (Nur-related factor 1) and Nur77 (also designated NGFI-B) encode orphan nuclear receptors which may comprise an additional subfamily within the nuclear receptor superfamily. The rat and human homologs of mouse Nurr1 are designated RNR1 and NOT, respectively. Both Nurr1 and Nur77 are growth factor inducible immediate early response genes. Induction of both Nurr1 and Nur77 is seen after membrane depolarization while only Nur77 induction is seen with NGF stimulation. JunD acts as a mediator for Nur77. An increase in Nur77 expression is seen in activated T cells during G0 to G1 transition and throughout the G1 phase. In addition to its function as an immediate early gene, Nur77 may play a role in TCR-mediated apoptosis. Cyclosporin A, a potent immunosuppressant, has been shown to inhibit the ability of Nur77 to bind DNA. A dominant negative form of Nur77 can protect T cell hybridomas from activation-induced apoptosis. However, the absolute requirement of Nur77 for TCR-mediated apoptosis is still under debate.

Note: This product is for in vitro research use only