

NREP Antibody

Catalog No: #46630

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

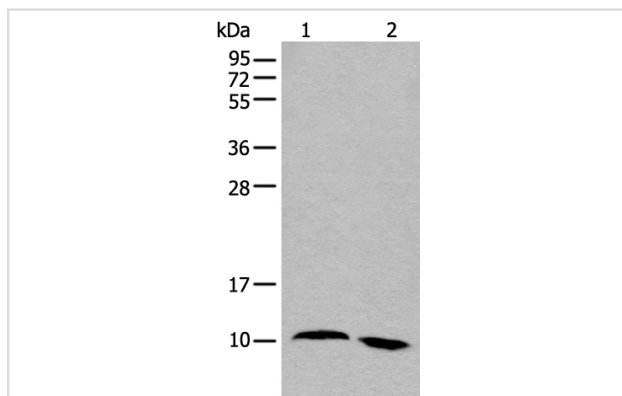
Product Name	NREP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NREP protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to internal residues of human NREP
Target Name	NREP
Other Names	P311; PTZ17; SEZ17; D4S114; C5orf13; PRO1873
Accession No.	Swiss-Prot:Q16612NCBI Gene ID:9315NCBI Protein:NP_001135947
Uniprot	Q16612
GeneID	9315;
Calculated MW	8 kDa
Concentration	0.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1: 20-100

Images

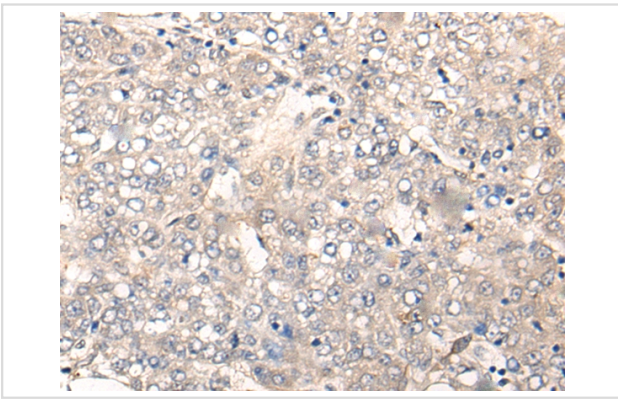


Gel: 12%SDS-PAGE

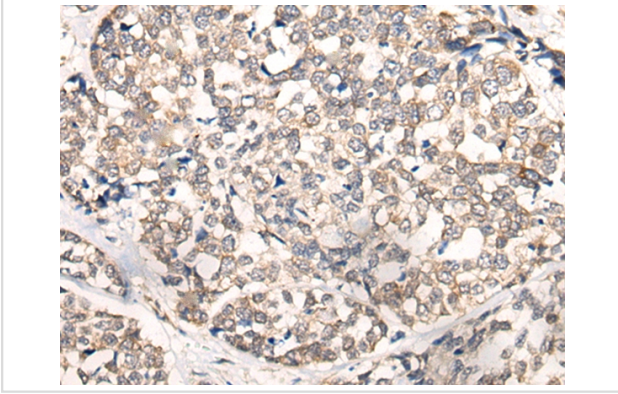
lysate: 40 µg, Lane 1-2: A172 cell and Rat heart tissue lysates,

Primary antibody: 46630B (NREP Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46630(NREP Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46630(NREP Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

NREP may have roles in neural function. Ectopic expression augments motility of gliomas. Promotes also axonal regeneration. May also have functions in cellular differentiation. Induces differentiation of fibroblast into myofibroblast and myofibroblast ameboid migration. Increases retinoic-acid regulation of lipid-droplet biogenesis. Down-regulates the expression of TGFB1 and TGFB2 but not of TGFB3. May play a role in the regulation of alveolar generation.

Note: This product is for in vitro research use only