14-3-3 alpha+beta Rabbit mAb

Catalog No: #49215

Package Size: #49215-1 50ul   #49215-2 100ul

Description

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Product Name	14-3-3 alpha+beta Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SD0837
Purification	ProA affinity purified
Applications	WB, ICC, IHC, IP, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	14 3 3 alpha antibody 14 3 3 protein beta/alpha antibody 14-3-3 protein beta/alpha antibody 1433B_HUMAN antibody Brain protein 14 3 3 beta isoform antibody GW128 antibody HS 1 antibody KCIP-1 antibody KCIP1 antibody N-terminally processed antibody Protein 1054 antibody Protein kinase C inhibitor protein 1 antibody YWHAA antibody YWHAB antibody
Accession No.	Swiss-Prot#:P31946
Uniprot	P31946
GeneID	7529;
Calculated MW	28 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1,000-5,000IHC: 1:50-1:200   ICC: 1:100-1:500FC: 1:50-1:100

Images
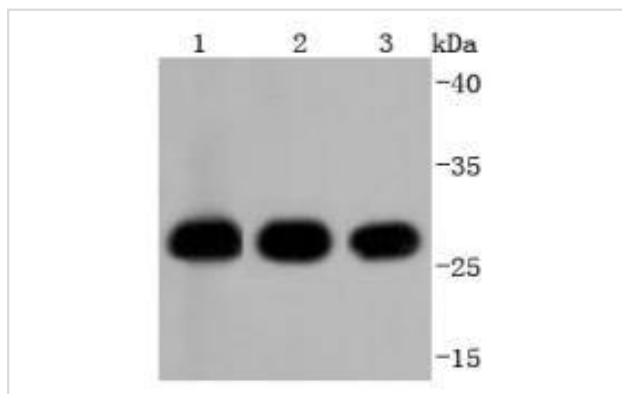
Western blot analysis of 14-3-3 alpha+beta on different lysates using anti-14-3-3 alpha/beta antibody at 1/1,000 dilution. Positive control: Lane 1: Hela   Lane 2: 293T Lane 3: HepG2
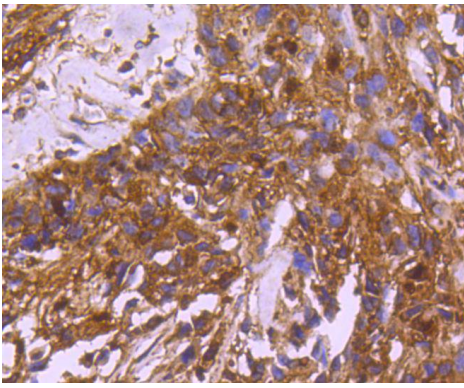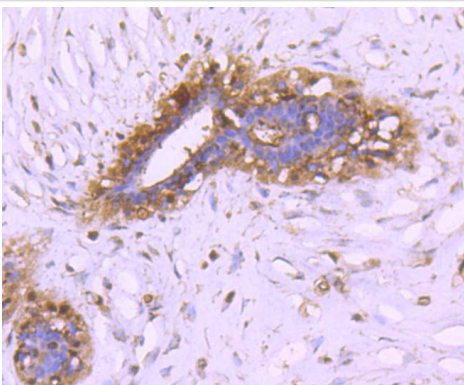
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-14-3-3 alpha+beta antibody. Counter stained with hematoxylin.
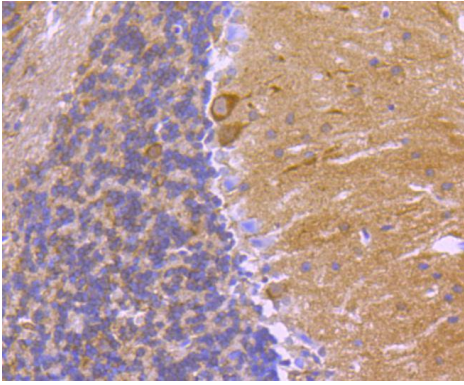

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-14-3-3 alpha+beta antibody. Counter stained with hematoxylin.
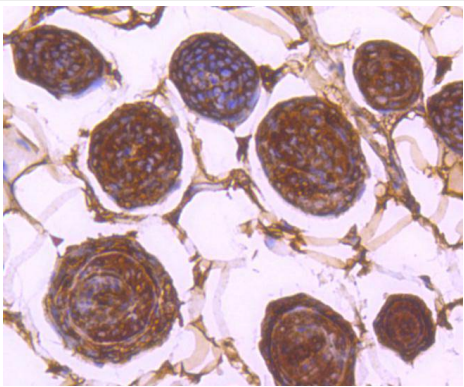

Immunohistochemical analysis of paraffin-embedded mouse skin tissue using anti-14-3-3 alpha+beta antibody. Counter stained with hematoxylin.


Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-14-3-3 alpha+beta antibody. Counter stained with hematoxylin.
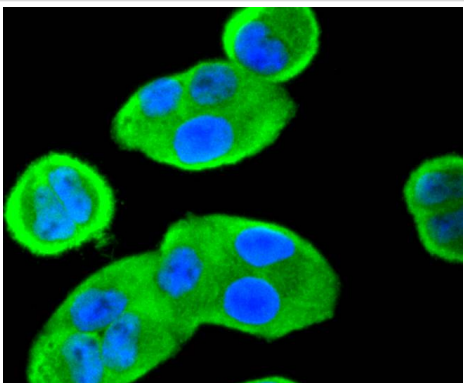

ICC staining 14-3-3 alpha+beta in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
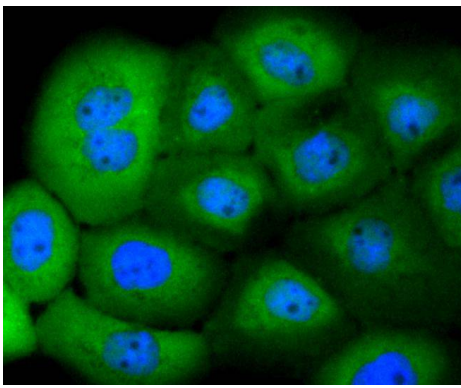
ICC staining 14-3-3 alpha+beta in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
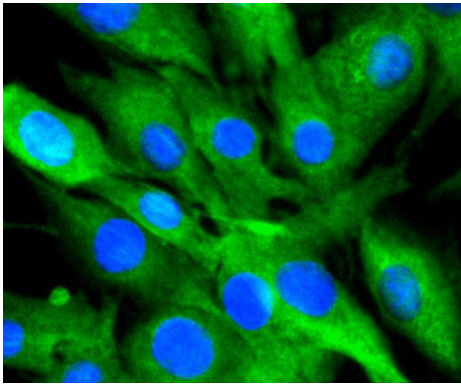
ICC staining 14-3-3 alpha+beta in SHG-44 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
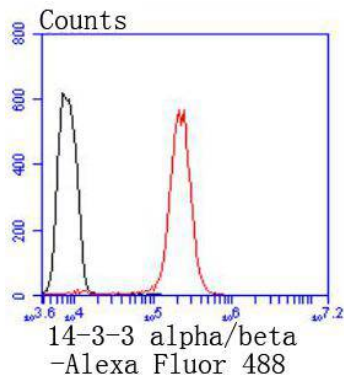
Flow cytometric analysis of Hela cells with 14-3-3 alpha+beta antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

Members of the 14-3-3 family of proteins are highly conserved proteins, localized in neurons, and are axonally transported to the nerve terminals. They are also present, at lower levels, in various other eukaryotic tissues. 14-3-3 proteins appear to play important roles in a variety of signal transduction pathways, including those involved in cell cycle regulation and cell survival. Because 14-3-3 proteins bind to specific phosphoserine-containing sequences they are likely to have an important role in signaling pathways mediated by serine/threonine protein kinases. Evidence indicates 14-3-3 is required for Raf 1 kinase activity and phosphorylation among many other functions.

References

Note: This product is for in vitro research use only