CORO2B Antibody

Catalog No: #46539

Orders: order@signalwayantibody.com
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Description

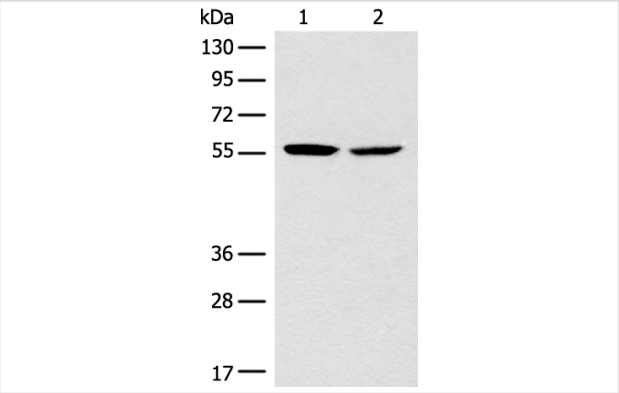
Product Name	CORO2B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CORO2B protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human CORO2B
Target Name	CORO2B
Other Names	CLIPINC
Accession No.	Swiss-Prot:Q9UQ03NCBI Gene ID:10391NCBI Protein:NP_006082
Uniprot	Q9UQ03
GeneID	10391;
Calculated MW	55 kDa
Concentration	1.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

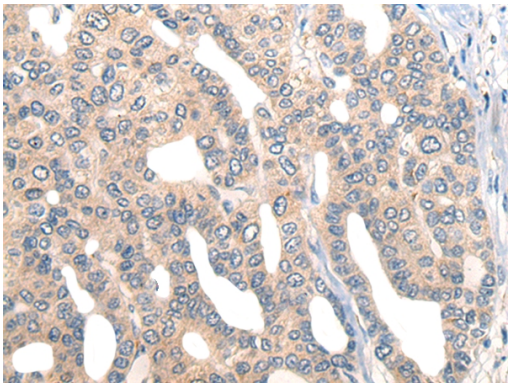
Western blotting: 1:1000-1:5000

Immunohistochemistry: 1: 40-200

Images



Gel: 8%SDS-PAGE
lysate: 40 B¦Γ g, Lane 1-2: Mouse brain tissueB£B¬NIH/3T3 cell lysates,
Primary antibody: 46539B£B¨CORO2B Antibody) at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
Exposure time: 20 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46539(CORO2B Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

Coronins are a family of WD repeat-containing, actin-binding proteins that localize to submembraneous areas and regulate cell motility and cytoskeletal rearrangement. Coronin 1A (CORO1A, CLIPINA, CLABP, TACO, p57) can form coiled coil-mediated homotrimeric complexes that influence early phagosome formation. PKC-dependent phosphorylation of Coronin 1B (CORO1B) at Serine 2 regulates leading edge dynamics and cell motility in fibroblasts through interactions with Arp2/3 complex. Coronin 1C (CORO1C, Coronin 3, HCRNN4) is abundant in differentiating Neuro-2a cells, PC-12 cells and primary oligodendrocytes, where it is thought to influence neuron morphogenesis and migration. Coronin 2A (CORO2A, CLIPINB, IR10, WDR2) is a component of the approximately 1.5-2 megadalton N-CoR (nuclear receptor corepressor) complex of 10-12 proteins, which recruits HDACs to generate repressive chromatin. Coronin 7 (CORO7, CRN7) localizes to the Golgi membrane and influences the organization of intracellular membrane compartments and vesicular trafficking. Coronin 2B (CORO2B, CLIPINC) and Coronin 6 (CORO6) are similar to other members of this family, since they possess a conserved basic N-terminal motif and 3-10 WD repeats clustered in one to two core domains.

Note: This product is for in vitro research use only