

CORO2B Rabbit pAb

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Catalog # AP55374

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9UQ03
Reactivity	Human, Mouse
Predicted	Rat, Pig, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54953
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CORO2B
Epitope Specificity	1-100/480
Isotype	IgG
Purity	affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cytoplasm; cytoskeleton.

Important Note This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions 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.

Additional Information

Gene ID 10391

Other Names Coronin-2B, Coronin-like protein C, Clipin-C, Protein FC96, CORO2B, KIAA0925

Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

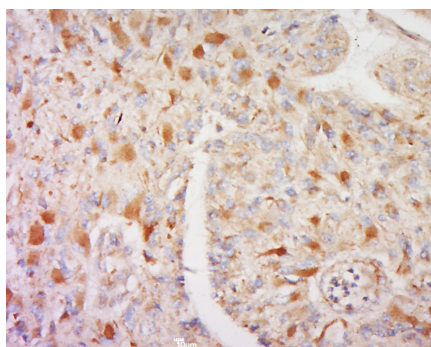
Protein Information

Name	CORO2B
Synonyms	KIAA0925
Function	May play a role in the reorganization of neuronal actin structure.
Cellular Location	Cytoplasm, cytoskeleton.
Tissue Location	Expressed predominantly in brain.

Background

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Images



Tissue/cell: human gliomas tissue; 4%
 Paraformaldehyde-fixed and paraffin-embedded;
 Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling
 bathing for 15min; Block endogenous peroxidase by 3%
 Hydrogen peroxide for 30min; Blocking buffer (normal
 goat serum,C-0005) at 37°C for 20 min;
 Incubation: Anti-CORO2B Polyclonal Antibody,
 Unconjugated(AP55374) 1:500, overnight at 4°C, followed
 by conjugation to the secondary antibody(SP-0023) and
 DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.