

Anti-Septin 8 Antibody

Rabbit polyclonal antibody to Septin 8 Catalog # AP60209

Product Information

ApplicationWBPrimary AccessionQ92599Other AccessionQ8CHH9

Reactivity Human, Mouse, Rat, Rabbit, Monkey, Bovine

HostRabbitClonalityPolyclonalCalculated MW55756

Additional Information

Gene ID 23176

Other Names KIAA0202; Septin-8

Target/Specificity KLH-conjugated synthetic peptide encompassing a sequence within the center

region of human Septin 8. The exact sequence is proprietary.

Dilution WB~~WB (1/500 - 1/1000)

Format Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30%

glycerol, and 0.09% (W/V) sodium azide.

Storage Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name SEPTIN8 (HGNC:16511)

Function Filament-forming cytoskeletal GTPase (By similarity). May play a role in

platelet secretion (PubMed:15116257). Seems to participate in the process of

SNARE complex formation in synaptic vesicles (By similarity).

Cellular Location Cytoplasm {ECO:0000250 | UniProtKB:B0BNF1}. Cytoplasm, cytoskeleton.

Synapse {ECO:0000250 | UniProtKB:B0BNF1}. Cell projection, axon

{ECO:0000250|UniProtKB:B0BNF1}. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane {ECO:0000250|UniProtKB:B0BNF1}. Presynapse {ECO:0000250|UniProtKB:B0BNF1}. Note=Expressed in axons of immature neurons, localizes to synapses in mature neurons (By similarity). In platelets,

found in areas surrounding alpha-granules (PubMed:15116257) {ECO:0000250|UniProtKB:B0BNF1, ECO:0000269|PubMed:15116257}

Widely expressed, including in brain, heart and platelets; most abundant in

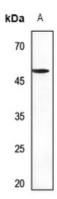
Tissue Location

aorta. Isoform 2 is expressed at low levels in specific brain areas, such as occipital pole, frontal lobe, temporal lobe and putamen. Isoform 1 and 3 are highly expressed in specific brain areas, such as occipital pole, frontal lobe, temporal lobe and putamen. Isoform 2 is highly expressed in prostate, testis and ovary Isoform 1 and isoform 3 are expressed at low levels in prostate, testis and ovary.

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Septin 8. The exact sequence is proprietary.

Images



Western blot analysis of Septin 8 expression in rat brain (A) whole cell lysates.

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