

#### **Anti-Septin 8 Antibody**

Rabbit polyclonal antibody to Septin 8 Catalog # AP60209

## **Specification**

# **Anti-Septin 8 Antibody - Product Information**

Application WB
Primary Accession Q92599
Other Accession Q8CHH9

Reactivity Human, Mouse, Rat, Rabbit, Monkey,

Host Rabbit
Clonality Polyclonal
Calculated MW 55756

## **Anti-Septin 8 Antibody - 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

# **Anti-Septin 8 Antibody - Protein Information**

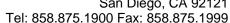
Name SEPTIN8 (HGNC:16511)

#### **Function**

Filament-forming cytoskeletal GTPase (By similarity). May play a role in platelet secretion (PubMed:<a href="http://www.uniprot.org/citations/15116257" target="\_blank">15116257</a>). 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}

#### **Tissue Location**

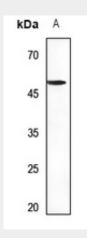
Widely expressed, including in brain, heart and platelets; most abundant in aorta. Isoform 2 is expressed at low levels in specific brain areas, such as occipital pole, frontal lobe, temporal lobe and putamen. Isoform 1 and 3 are highly expressed in specific brain areas, such as occipital pole, frontal 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.

## **Anti-Septin 8 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# Anti-Septin 8 Antibody - Images



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

## Anti-Septin 8 Antibody - Background

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