

Septin 14 Polyclonal Antibody

Catalog # AP72429

Product Information

Application	WB, IHC-P
Primary Accession	Q6ZU15
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50025

Additional Information

Gene ID	346288
Other Names	SEPT14; Septin-14
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

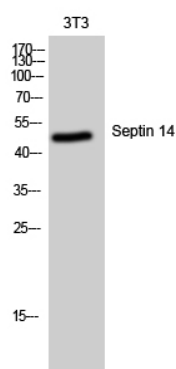
Protein Information

Name	SEPTIN14 (HGNC:33280)
Function	Filament-forming cytoskeletal GTPase (Probable). Involved in the migration of cortical neurons and the formation of neuron leading processes during embryonic development (By similarity). Plays a role in sperm head formation during spermiogenesis, potentially via facilitating localization of ACTN4 to cell filaments (PubMed: 33228246).
Cellular Location	Cytoplasm. Cytoplasm, cytoskeleton. Cell projection, axon {ECO:0000250 UniProtKB:Q9DA97}. Cell projection, dendrite {ECO:0000250 UniProtKB:Q9DA97}. Perikaryon {ECO:0000250 UniProtKB:Q9DA97}. Cytoplasm, perinuclear region {ECO:0000250 UniProtKB:Q9DA97}. Cytoplasmic vesicle, secretory vesicle, acrosome. Note=Colocalizes with actin stress fibers (PubMed:17922164). Expressed in the perinuclear rim and manchette structure in early elongating spermatids during spermiogenesis (By similarity). {ECO:0000250 UniProtKB:Q9DA97, ECO:0000269 PubMed:17922164}
Tissue Location	Testis-specific (at protein level).

Background

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

Images



Western Blot analysis of 3T3 cells using Septin 14 Polyclonal Antibody

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