

Anti-RPL39L Antibody

Catalog # AP54036

Product Information

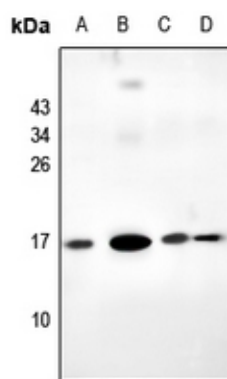
Application	WB, IHC
Primary Accession	Q96EH5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	6293

Additional Information

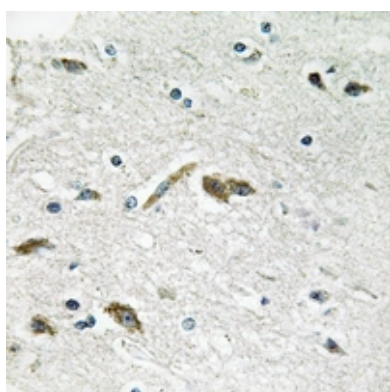
Gene ID	116832
Other Names	RPL39L1; 60S ribosomal protein L39-like; 60S ribosomal protein L39-2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RPL39L. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

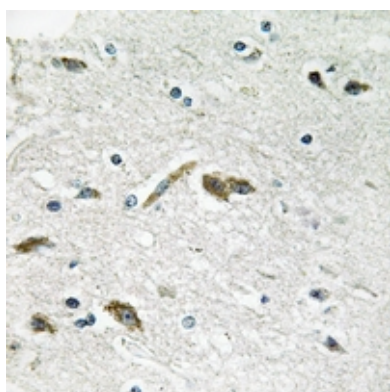
Name	RPL39L {ECO:0000303 PubMed:12490704}
Synonyms	RPL39L1
Function	Male germ cell-specific component of the ribosome, which is required for the formation of sperm and male fertility. Replaces the RPL39 paralog in the ribosome of male germ cells. The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell. The male germ cell-specific ribosome displays a ribosomal polypeptide exit tunnel of distinct size and charge states compared with the classical ribosome. It is responsible for regulating the biosynthesis and folding of a subset of male germ-cell-specific proteins that are essential for the formation of sperm.
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:Q9CQD0}.
Tissue Location	Testis specific..



Western blot analysis of RPL39L expression in mouse testis (A), mouse heart (B), rat kidney (C), SGC7901 (D) whole cell lysates. (Predicted band size: 6 kDa; Observed band size: 17 kDa)



Immunohistochemical analysis of RPL39L staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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