

Product datasheet for **AP16521PU-N**

Munc 13 4 (UNC13D) Goat Polyclonal Antibody

Product data:

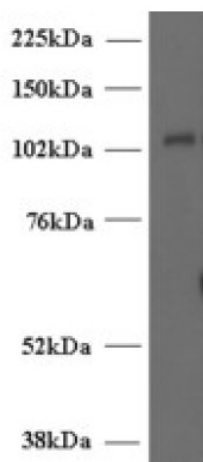
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/128000. Western Blot: 1 - 3 µg/ml. Immunohistochemistry on paraffin sections: 2.5 µg/ml.
Reactivity:	Canine, Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-ETQKHKDLHPLFD, from the internal region of the protein sequence
Specificity:	This antibody reacts to Munc13-4 / UNC13D.
Formulation:	Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin State: Aff - Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	unc-13 homolog D
Database Link:	Entrez Gene 201294 Human Q70J99
Background:	Secretion of the contents of cytolytic granules at the immunologic synapse is a highly regulated process essential for lymphocyte cytotoxicity. This process requires the rapid transfer of perforin containing lytic granules to the target cell interface, followed by their docking and fusion with the plasma membrane. Munc 13-4 localises with cytotoxic granules at the immunologic synapse. Munc 13-4 is essential for the priming step of cytolytic granule secretion preceding vesicle membrane fusion. There are two named isoforms.



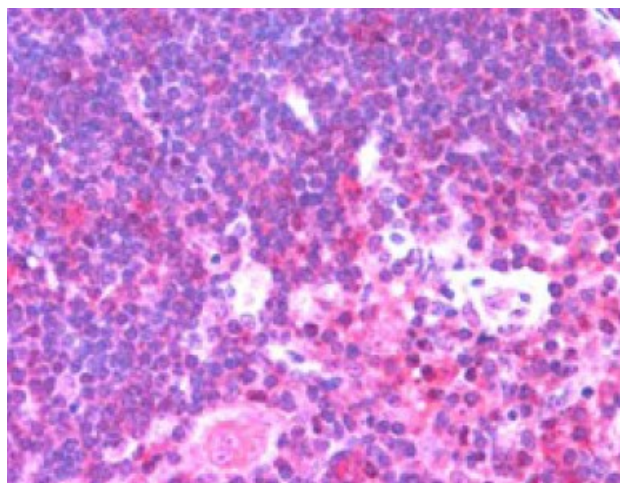
[View online »](#)

Synonyms: Protein unc-13 homolog D, Munc13-4

Product images:



(2ug/ml) staining of Human T-lymphocyte lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



(2.5ug/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.