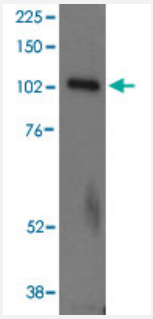
UNC13D polyclonal antibody

Catalog # PAB6640 Size 100 ug

Applications



Western Blot (Cell lysate)

UNC13D polyclonal antibody (Cat # PAB6640) (2 ug/mL) staining of human T-lymphocyte lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of UNC13D.
Immunogen	A synthetic peptide corresponding to human UNC13D.
Sequence	C-KQASQHALRPAP
Host	Goat
Theoretical MW (kDa)	123
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) Western blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — UNC13D

Entrez GeneID	201294
Protein Accession#	NP_954712.1
Gene Name	UNC13D
Gene Alias	FHL3, HLH3, HPLH3, Munc13-4
Gene Description	unc-13 homolog D (C. elegans)
Omim ID	608897 608898
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is a member of the UNC13 family, containing similar domain str ucture as other family members but lacking an N-terminal phorbol ester-binding C1 domain prese nt in other Munc13 proteins. The protein appears to play a role in vesicle maturation during exocyt osis and is involved in regulation of cytolytic granules secretion. Mutations in this gene are associ ated with familial hemophagocytic lymphohistiocytosis type 3, a genetically heterogeneous, rare a utosomal recessive disorder. [provided by RefSeq
Other Designations	unc-13 homolog D

Publication Reference

- Munc13-4 is essential for cytolytic granules fusion and is mutated in a form of familial hemophagocytic lymphohistiocytosis (FHL3).

  Feldmann J, Callebaut I, Raposo G, Certain S, Bacq D, Dumont C, Lambert N, Ouachee-Chardin M, Chedeville G, Tamary H, Minard-Colin V, Vilmer E, Blanche S, Le Deist F, Fischer A, de Saint Basile G.

  Cell 2003 Nov; 115(4):461.

Disease

- Arthritis
- Genetic Predisposition to Disease
- Lymphohistiocytosis
- Macrophage Activation Syndrome