

ARG64034 anti-Munc13-4 / UNC13D antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Munc13-4 / UNC13D
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat, Dog, Pig
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Munc13-4 / UNC13D
Species	Human
Immunogen	C-ETQKHKKDLHPLFD
Conjugation	Un-conjugated
Alternate Names	Munc13-4; FHL3; HPLH3; HLH3; Protein unc-13 homolog D

Application Instructions

Application table	Application	Dilution
	IHC-P	1 - 3 µg/ml
	WB	1 - 3 µg/ml
Application Note	<p>IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	

Properties

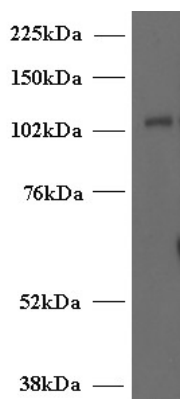
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Database links	GeneID: 201294 Human
	GeneID: 70450 Mouse
	Swiss-port # B2RUP2 Mouse
	Swiss-port # Q70J99 Human

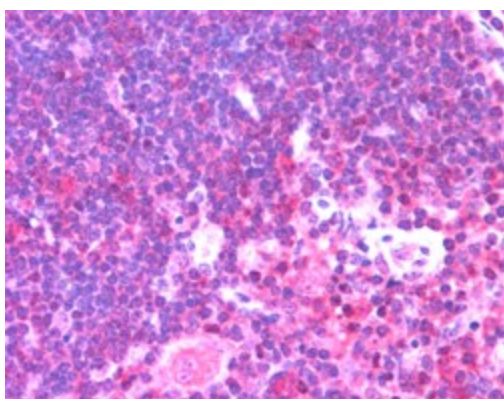
Background	This gene encodes a protein that is a member of the UNC13 family, containing similar domain structure as other family members but lacking an N-terminal phorbol ester-binding C1 domain present in other Munc13 proteins. The protein appears to play a role in vesicle maturation during exocytosis and is involved in regulation of cytolytic granules secretion. Mutations in this gene are associated with familial hemophagocytic lymphohistiocytosis type 3, a genetically heterogeneous, rare autosomal recessive disorder. [provided by RefSeq, Jul 2008]
Research Area	Immune System antibody
Calculated Mw	123 kDa

Images



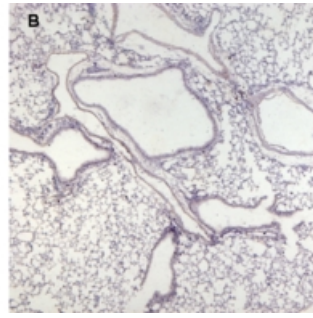
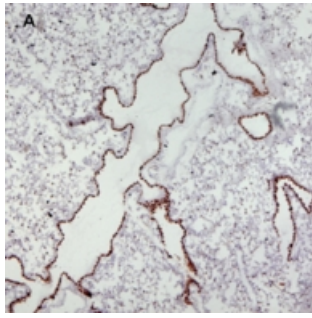
ARG64034 anti-Munc13-4 / UNC13D antibody WB image

Western Blot: Human T-lymphocyte lysate (35 µg protein in RIPA buffer) stained with ARG64034 anti-Munc13-4 / UNC13D antibody at 2 µg/ml dilution.



ARG64034 anti-Munc13-4 / UNC13D antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Thymus. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64034 anti-Munc13-4 / UNC13D antibody at 2.5 µg/ml dilution followed by AP-staining.



ARG64034 anti-Munc13-4 / UNC13D antibody IHC-P image

Immunohistochemistry: paraffin embedded Mouse Lung (wt in A and KO in B) . stained with ARG64034 anti-Munc13-4 / UNC13D antibody at 0.5 µg/ml dilution followed by