

Datasheet for ABIN185677

**anti-UNC13D antibody (Internal Region)****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	UNC13D
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This UNC13D antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	Munc13-4 / UNC13D (Internal)
Immunogen:	C-ETQKHKKDLHPLFD
Sequence:	ETQKHKKDLH PLFD
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

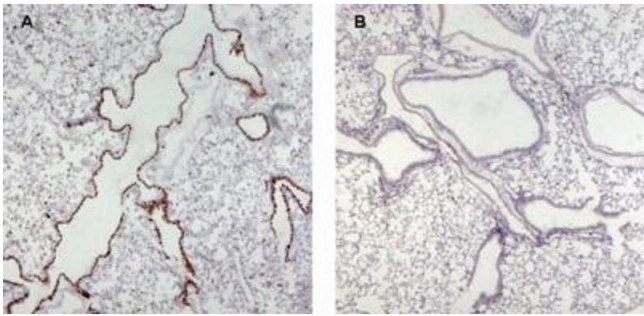
Target:	UNC13D
Alternative Name:	UNC13D ( <a href="#">UNC13D Products</a> )
Background:	UNC13D, Munc13-4, unc-13 homolog D (C. elegans) , FHL3, HLH3, HPLH3, unc-13 homolog D
Gene ID:	201294, 70450, 192177
NCBI Accession:	<a href="#">NP_954712</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a>

## Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Thymus shows cytoplasm staining in select areas. Recommended concentration: 2.5 µg/mL. In paraffin embedded Mouse Lung shows staining of the respiratory epithelium in wildtype but not in the knock-out. Data</p> <p>Western Blot: Approx. 105 kDa band observed in Human T-lymphocyte and HeLa lysates (calculated MW of 123 kDa according to NP_954712.1). Recommended concentration: 1-3 µg/mL. Primary incubation was 1 hour.</p> <p>Peptide ELISA: antibody detection limit dilution 1:128000.</p>
Restrictions:	For Research Use only

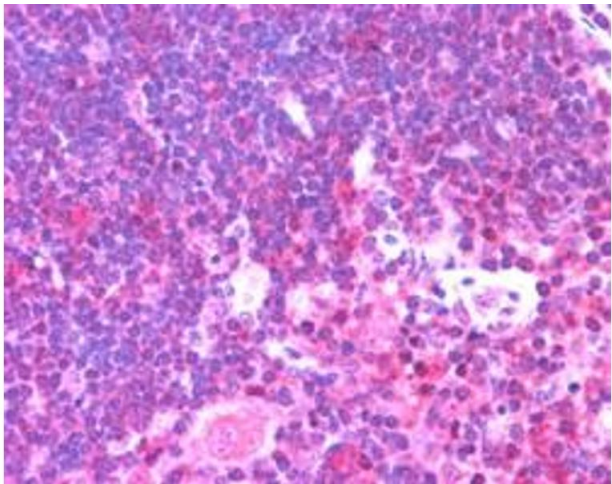
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



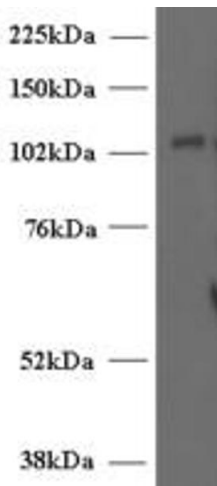
Immunohistochemistry

**Image 1.** ABIN185677 (0.5µg/ml) staining of paraffin embedded Mouse Lung (wt in A and KO in B) .



Immunohistochemistry

**Image 2.** ABIN185677 (2.5µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



**Image 3.** ABIN185677 (2µg/ml) staining of Human T-lymphocyte lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.