

Datasheet for ABIN2856569  
**anti-UNC13D antibody (C-Term)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	UNC13D
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UNC13D antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Munc 13-4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to Munc 13-4 (unc-13 homolog D (C. elegans)) Munc 13-4 antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	UNC13D
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## Target Details

Alternative Name:	unc-13 homolog D ( <a href="#">UNC13D Products</a> )
Background:	<p>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.</p> <p>Cellular Localization: Cytoplasm , Membrane, Peripheral membrane protein</p>
Molecular Weight:	123 kDa
Gene ID:	201294
UniProt:	<a href="#">Q70J99</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a>

## Application Details

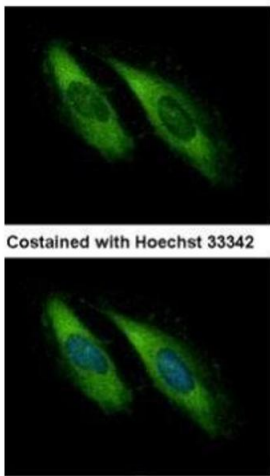
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Jurkat , K562
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

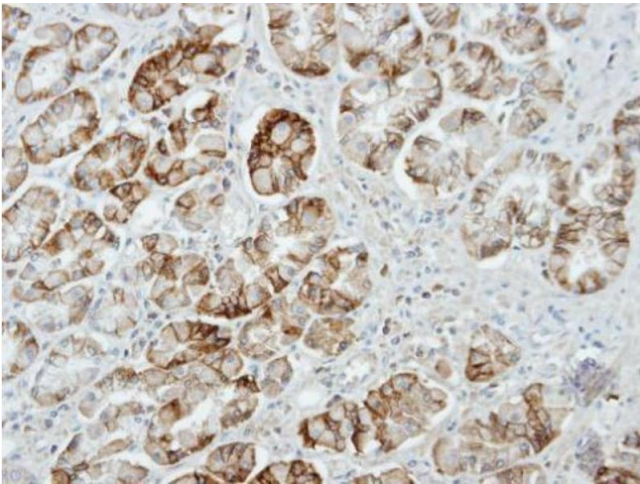
multiple freeze-thaw cycles.

Images



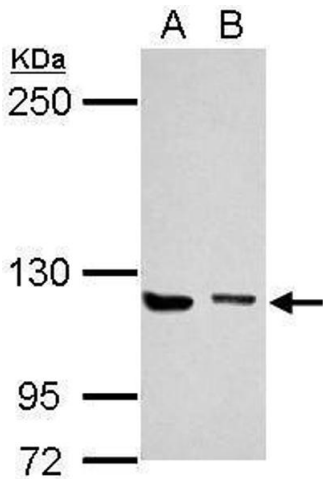
Immunofluorescence

**Image 1.** ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using Munc 13-4, antibody at 1:500 dilution.



Immunohistochemistry

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded human stomach, using UNC13D, antibody at 1:100 dilution.



Western Blotting

**Image 3.** WB Image Sample (30 ug of whole cell lysate) A: Jurkat B: K562 5% SDS PAGE antibody diluted at 1:1000