

Datasheet for ABIN184670
anti-GRB2 antibody (C-Term)[Go to Product page](#)

6 Images

Overview

Quantity:	100 µg
Target:	GRB2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GRB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	GRB2
Immunogen:	Peptide with sequence C-PRNYVTPVNRNV, from the C Terminus of the protein sequence according to NP_002077.1, NP_987102.1.
Sequence:	PRNYVTPVNR NV
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_002077.1 and NP_987102.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: GRB2

Alternative Name: GRB2 ([GRB2 Products](#))

Background: GRB2, growth factor receptor-bound protein 2, ASH, ASH protein, EGFRBP-GRB2, Grb3-3, MST084, MSTP084, HT027, abundant SRC homology, epidermal growth factor receptor-binding protein GRB2, growth factor receptor-bound protein 3, NCKAP2, OTTHUMP00000166096,

Gene ID: 2885, 14784, 81504

NCBI Accession: [NP_002077](#), [NP_987102](#)

Pathways: [RTK Signaling](#), [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Regulation of Actin Filament Polymerization](#), [Hepatitis C](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [EGFR Downregulation](#)

Application Details

Application Notes: Immunohistochemistry: In paraffin embedded Human Lymph Node shows nuclear staining in some cells inside the germinal centre. Recommended concentration: 1-2 µg/mL.
Western Blot: Approx 26 kDa band observed in lysates of cell line MOLT4, of Human Thymus and of Human, Mouse, Rat, Pig Brain and Spleen lysates (calculated MW of 25.2 kDa according to Human NP_002077.1 and according to Rat NP_110473.2). Recommended for use
Peptide ELISA: antibody detection limit dilution 1:32000.

Comment: **Additional validation:** This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.

Restrictions: For Research Use only

Handling

Format: Liquid

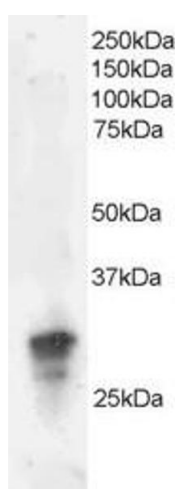
Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Handling

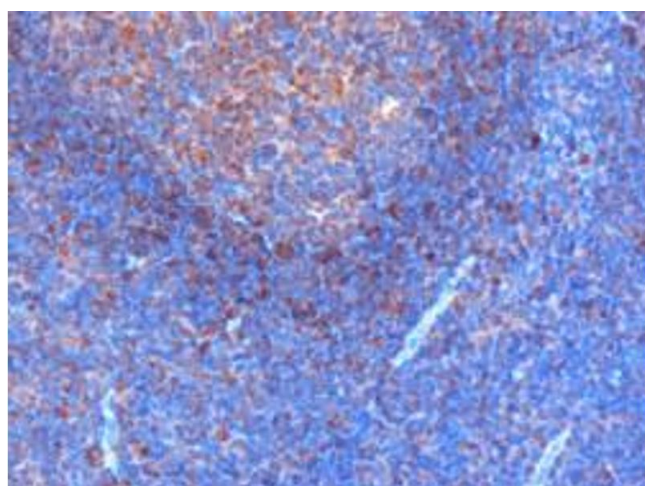
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



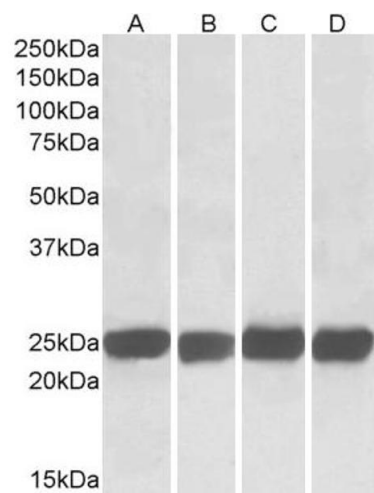
Western Blotting

Image 1. ABIN184670 staining (2µg/ml) of Jurkat lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry

Image 2. ABIN184670 (0.3µg/ml) staining of paraffin embedded Human Tonsil. Microwaved antigen retrieval with citrate buffer pH6, HRP-staining.



Western Blotting

Image 3. ABIN184670 (0.05µg/ml) staining of Mouse (A+C) and Rat (B+D) Brain (A+B) and Spleen (C+D) lysates (35µg total protein in RIPA buffer). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN184670.