

Goat anti-GRB2 Antibody

Catalog No: tcva05284



Available Sizes

Size: 100µg



Specifications

Application:

Pep-ELISA, WB, IHC

Research Area:

SH2/SH3 adaptor protein; embryogenesis; cancer; disease; T-cell regulation; immunology; development;

Species Reactivity:

Human, Mouse, Rat, Dog, Cow

Host Species:

Goat

Immunogen / Amino acids:

C-PRNYVTPVNRNV

Conjugation:

Unconjugated

Form:

Liquid

Storage Buffer:

Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Concentration:

0.5 mg/ml in 200 µl

Recommended Dilution:

Western Blot: Approx 26kDa band observed in lysates of cell line MOLT4
of Human Thymus and of Human
Mouse

Rat

Pig Brain and Spleen lysates (calculated MW of 25.2kDa according to Human NP_002077.1 and according to Rat NP_110473.2). Recommended for use at 0.05-0.15µg/ml. Peptide ELISA: antibody detection limit dilution 1:32000.

Amino Acid Sequence:

NP_002077.1; NP_987102.1

Storage Instruction:

Aliquot store at -20C. Avoid freeze / thaw cycles.

Alternative Names:

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; OTTHUMP00000166097; OTTHUMP00000166098; abundant SRC homology

Gene ID:

2885 (human);14784 (mouse); 81504 (rat);

Reference Sequence No.:

NP_002077.1; NP_987102.1

Calculated Molecular Weight:

25.2; 20.6

Purification:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide

DS Gene Ontology Terms:

SH3/SH2 adaptor protein activity; EGF receptor signaling pathway; RAS protein signal transduction; intracellular signaling cascade; cell-cell signaling

Positive Control:

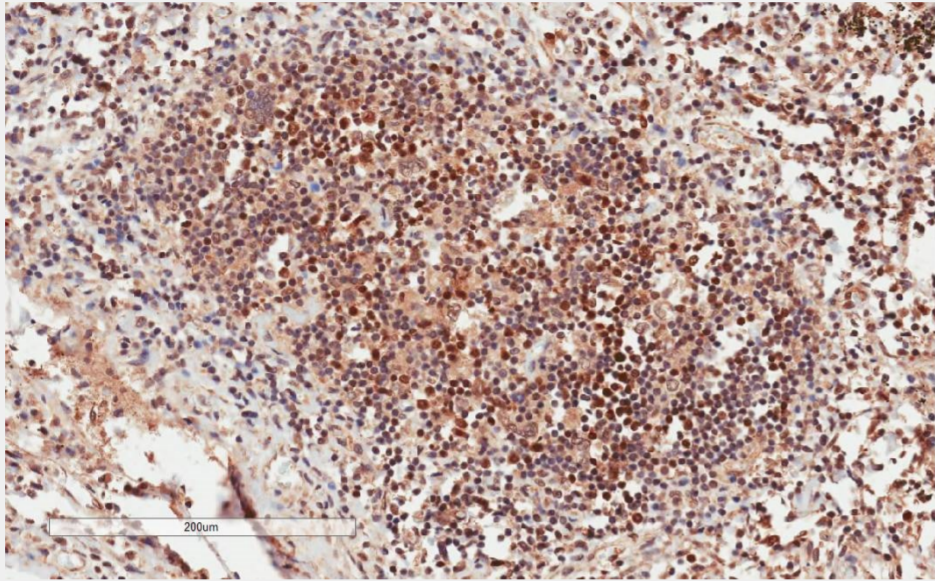
tcva05284p

Notes

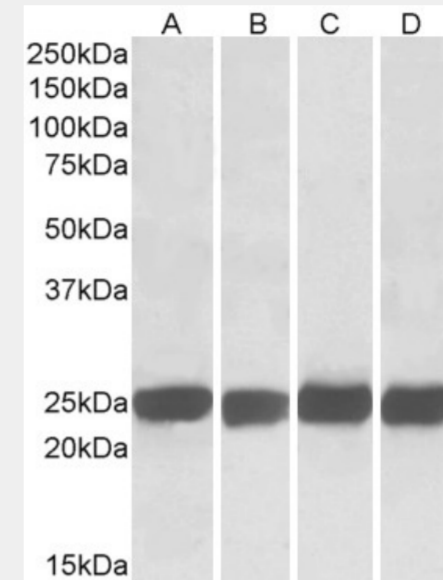
This antibody is expected to recognize both reported isoforms (NP_002077.1 and NP_987102.1).

Product Description

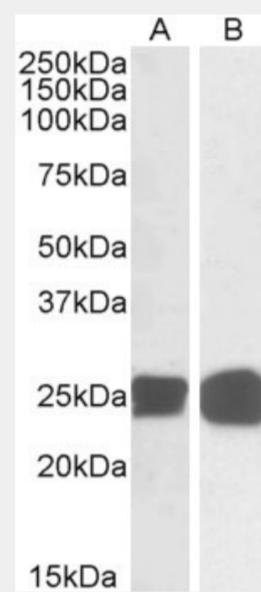
This antibody is expected to recognize both reported isoforms (NP_002077.1 and NP_987102.1).



EB05284 (1 μ g/ml) staining of paraffin embedded Human Lymph Node. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



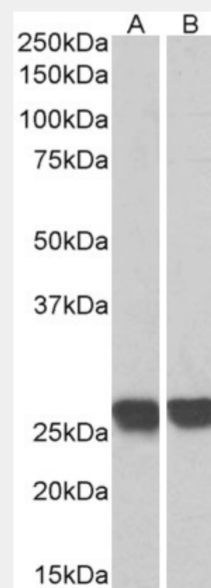
EB05284 (0.05 μ g/ml) staining of Mouse (A+C) and Rat (B+D) Brain (A+B) and Spleen (C+D) lysates (35 μ g total protein in RIPA buffer). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



EB05284 (0.05 μ g/ml) staining of Human Thymus (A) and Molt4 (B) lysates (35 μ g total protein in RIPA buffer). Primary incubated for 1 hour. Detected by chemiluminescence.



EB05284 (0.03 μ g/ml) staining of Human (A) and Pig (B) Spleen lysates (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Biotinylated EB05284 (0.3 μ g/ml) staining of MOLT4 (A) and Human Thymus (B) lysates (35 μ g protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!