

Rabbit GTPBP2 Polyclonal Antibody | anti-GTPBP2 antibody

GTPBP2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285741	Rabbit	Human, hamster, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

GTPBP2; Polyclonal Antibody; GTPBP2 Antibody (C-term); GTP-binding protein 2; GTPBP2 {ECO:0000312|EMBL:CAC362691}; anti-GTPBP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, hamster, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GTPBP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 536-564 amino acids from the C-terminal region of human GTPBP2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	536-564
Sequence Length	602
Applicable Applications for anti-GTPBP2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

GTPBP2 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

GTPBP2 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GTPBP2 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

**WB (Western Blot)**

GTPBP2 Antibody (C-term) western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the GTPBP2 antibody detected the GTPBP2 protein (arrow).

**WB (Western Blot)**

GTPBP2 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the GTPBP2 antibody detected the GTPBP2 protein (arrow).

**WB (Western Blot)**

GTPBP2 Antibody (C-term) western blot analysis in CHO cell line lysates (35ug/lane). This demonstrates the GTPBP2 antibody detected the GTPBP2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GTPBP2 antibody	GTP-binding proteins, or G proteins, constitute a superfamily capable of binding GTP or GDP. G proteins are activated by binding GTP and are inactivated by hydrolyzing GTP to GDP. This general mechanism enables G proteins to perform a wide range of biologic activities.
Product Categories/Family for anti-GTPBP2 antibody	Signal Transduction
References	Mungall, A.J., et al. Nature 425(6960):805-811(2003) Watanabe, M., et al. Gene 256 (1-2), 51-58 (2000) : Kudo, H., et al. Biochem. Biophys. Res. Commun. 272(2):456-465(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	45593140
NCBI GeneID	54676
NCBI Accession #	NP_061969.3
NCBI GenBank Nucleotide #	NM_019096.4
UniProt Accession #	Q9BX10 ; Q5T7E8 ; Q8ND84 ; Q8TAH7 ; Q8WUA5 ; Q9HCS9 ; Q9NRU4 ; Q9NX60
Molecular Weight	65768
NCBI Official Full Name	GTP-binding protein 2 isoform a
NCBI Official Synonym Full Names	GTP binding protein 2
NCBI Official Symbol	GTPBP2
NCBI Protein Information	GTP-binding protein 2
UniProt Protein Name	GTP-binding protein 2
UniProt Gene Name	GTPBP2
UniProt Entry Name	GTPB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gtpbp2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285741>