

Datasheet for ABIN6740772

anti-GTPBP2 antibody (AA 35-84)



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Overview

Quantity:	100 µL
Target:	GTPBP2
Binding Specificity:	AA 35-84
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Zebrafish (Danio rerio), Bat, Monkey, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GTPBP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa35-84 of human GTPBP2 (Q9BX10, NP_061969). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Dog, Bovine, Bat, Horse, Guinea pig, Chicken, Lizard (100%), Goat, Elephant, Xenopus (92%), Zebrafish (85%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human GTPBP2
Predicted Reactivity:	Percent identity by BLAST analysis: Mouse, Rat, Dog, Bovine, Horse, Chicken (100%) Goat, Xenopus (92%) Zebrafish (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	GTPBP2
Alternative Name:	GTPBP2 (GTPBP2 Products)
Background:	Name/Gene ID: GTPBP2 Synonyms: GTPBP2, GTP binding protein 2, GTP-binding protein 2
Gene ID:	54676
NCBI Accession:	NP_061969
UniProt:	Q9BX10

Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:62500.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

Product cited in: Jaber, Rohani, Shahidi, Nafissi, Arefian, Soleimani, Rasooli, Ahmadieh, Daftarian, KaramiNejadRanjbar, Klotzle, Fan, Turk, Steemers, Elahi: "Identification of mutation in GTPBP2 in patients of a family with neurodegeneration accompanied by iron deposition in the brain." in: **Neurobiology of aging**, Vol. 38, pp. 216.e11-8, (2016) ([PubMed](#)).

Images



Image 1.