

Product datasheet for **AP51978PU-N**

GTPBP2 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Flow Cytometry: 1/10-1/50. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Hamster, Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 543-572 amino acids from the C-terminal region of human GTPBP2
Specificity:	This antibody recognizes Human, Mouse and Hamster GTPBP2 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	GTP binding protein 2
Database Link:	Entrez Gene 56055 Mouse Entrez Gene 54676 Human Q9BX10
Background:	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.

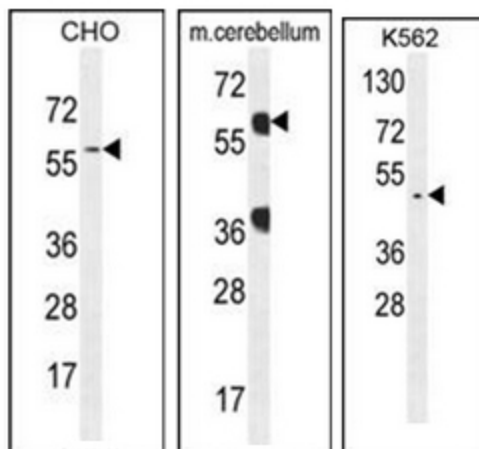


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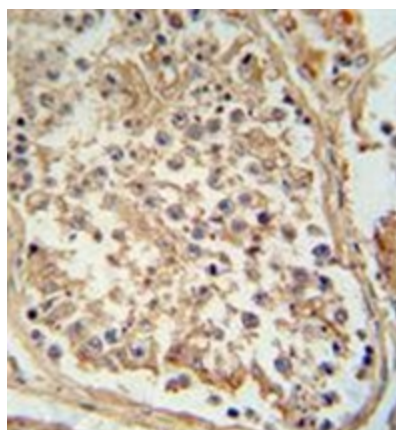
Synonyms: GTP-binding protein 2

Note: **Molecular Weight:** 65768 Da

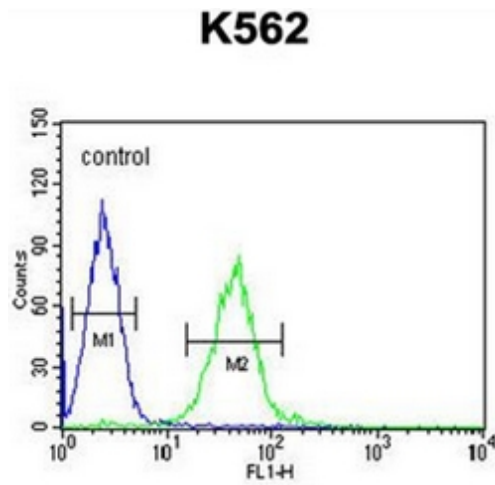
Product images:



Western blot analysis of GTPBP2 Antibody (C-term) in CHO, K562 and mouse cerebellum cell line lysates (35ug/lane). This demonstrates the GTPBP2 antibody detected the GTPBP2 protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue reacted with GTPBP2 antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



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