

Anti-GTPBP2 Antibody

Rabbit Polyclonal antibody

Catalog # ABV11874

Product Information

Application	WB, IHC
Primary Accession	Q9BX10
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	65768

Additional Information

Gene ID	54676
Positive Control	WB: THP1, K562, Jurkat cell lysate; IHC: human colon cancer tissue
Application & Usage	WB; 1:500 – 1:2000, IHC; 1:50 – 1:200
Alias Symbol	GTPBP2
Other Names	GTP-binding protein 2
Formulation	In 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
Reconstitution & Storage	12 months under -20°C
Background Descriptions	
Precautions	Anti-GTPBP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

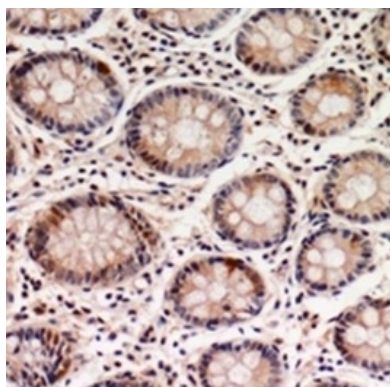
Name	GTPBP2 {ECO:0000312 EMBL:CAC36269.1}
Function	Involved in the rescue of ribosome stalling due to the presence of non-functional tRNA (By similarity). Has very low GTP- binding activity (PubMed: 30108131).
Tissue Location	Predominantly expressed in thymus, spleen, and testis. Expressed at lower levels in brain, lung, kidney, and ovary

Background

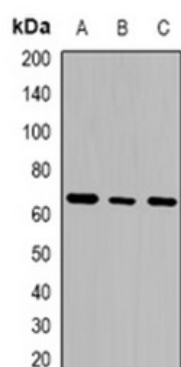
GTP-binding proteins, or G proteins, constitute a superfamily capable of binding GTP or GDP. G proteins are

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.

Images



Immunohistochemical analysis of GTPBP2 staining in human colon cancer formalin fixed paraffin embedded tissue section.



Western blot analysis of GTPBP2 expression in THP1(A), K562(B), Jurkat(C) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.