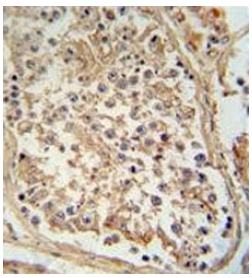
GTPBP2 Antibody (F54337)

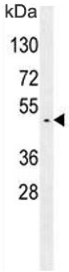
Catalog No.	Formulation	Size
F54337-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54337-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

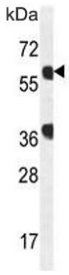
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9BX10
Applications	Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This GTPBP2 antibody is available for research use only.



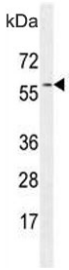
IHC testing of FFPE human testis tissue with GTPBP2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



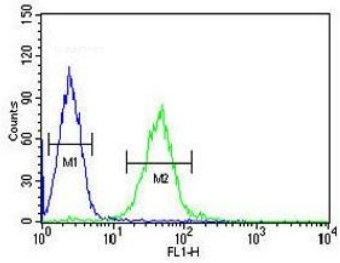
Western blot testing of human K562 cell lysate with GTPBP2 antibody. Predicted molecular weight 66 kDa with a possible ~46 kDa mutation product.



Western blot testing of mouse NIH 3T3 cell lysate with GTPBP2 antibody. Predicted molecular weight 66 kDa with a possible ~46 kDa mutation product.



Western blot testing of hamster CHO cell lysate with GTPBP2 antibody. Predicted molecular weight 66 kDa with a possible ~46 kDa mutation product.



Flow cytometry testing of fixed and permeabilized human K562 cells with GTPBP2 antibody; Blue=isotype control, Green= GTPBP2 antibody.

Description

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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the GTPBP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 536-564 from the human protein was used as the immunogen for the GTPBP2 antibody.

Storage

Aliquot the GTPBP2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.