

Product Name: G3BP Rabbit Monoclonal Antibody**Catalog #: AMRe04080**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.53mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 52 kDa; Observed MW: 68 kDa

Antigen Information

Gene Name	G3BP1
Alternative Names	G3BP1; G3BP; Ras GTPase-activating protein-binding protein 1; G3BP-1; ATP-dependent DNA helicase VIII; hDH VIII; GAP SH3 domain-binding protein 1
Gene ID	10146
SwissProt ID	Q13283
Immunogen	A synthetic peptide of human G3BP

Background

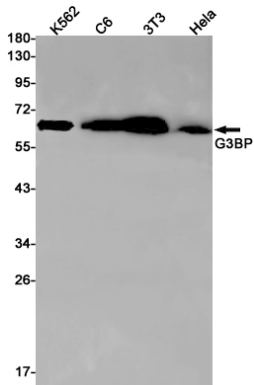
May be a regulated effector of stress granule assembly. Phosphorylation-dependent sequence-specific endoribonuclease in

vitro. Cleaves exclusively between cytosine and adenine and cleaves MYC mRNA preferentially at the 3'-UTR.

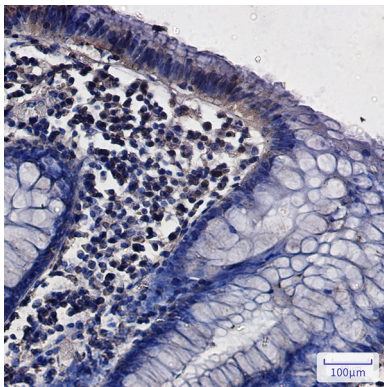
Research Area

Epigenetics and Nuclear Signaling

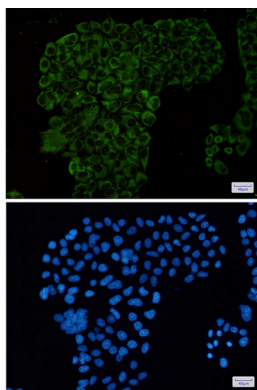
Image Data



Western blot analysis of G3BP in K562, C6, 3T3, HeLa lysates using G3BP antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using G3BP antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of G3BP (green) in HeLa using G3BP antibody, and DAPI (blue)