

Rabbit anti-Human GBP4 Polyclonal Antibody | anti-GBP4 antibody

GBP4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234496	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

GBP4; Polyclonal Antibody; GBP4 Antibody; Guanylate-binding protein 4; GTP-binding protein 4; GBP-4; Guanine nucleotide-binding protein 4; anti-GBP4 antibody

PRODUCT SPECIFICATIONS

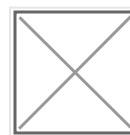
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	640
Applicable Applications for anti-GBP4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Guanylate-binding protein 4 protein (494-603AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234496 at 1:266, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234496 diluted at 1:800 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234496 diluted at 1:800 and staining in paraffin-embedded human breast cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: 293T whole cell lysateAll lanes: GBP4 antibody at 2.6ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 74 KDaObserved band size: 74 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-GBP4 antibody	Binds GTP, GDP and GMP. Hydrolyzes GTP very efficiently; GDP rather than GMP is the major reaction product. Plays a role in erythroid differentiation (By similarity).
Product Categories/Family for anti-GBP4 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	31377634
NCBI GeneID	115361
NCBI Accession #	NP_443173.2
NCBI GenBank Nucleotide #	NM_052941.4
UniProt Accession #	Q96PP9 ; Q05D63 ; Q6NSL0 ; Q86T99 ; B2R630
Molecular Weight	73,165 Da
NCBI Official Full Name	guanylate-binding protein 4
NCBI Official Synonym Full Names	guanylate binding protein 4
NCBI Official Symbol	GBP4
NCBI Official Synonym Symbols	Mpa2
NCBI Protein Information	guanylate-binding protein 4
UniProt Protein Name	Guanylate-binding protein 4
UniProt Gene Name	GBP4
UniProt Synonym Gene Names	GBP-4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gbp4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234496>