

Rabbit anti-Mouse, Rat Guanylate Binding Protein 4 Polyclonal Antibody | anti-GBP4 antibody

Guanylate Binding Protein 4 (GBP4) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144834	Rabbit	Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Guanylate Binding Protein 4; Polyclonal Antibody; Guanylate Binding Protein 4 (GBP4) Polyclonal Antibody; GTP-binding protein 4; Guanine nucleotide-binding protein 4; anti-GBP4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GBP4. It has been selected for its ability to recognize GBP4 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	640
Applicable Applications for anti-GBP4 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Mouse
Organism Species	Mouse
Fragment	GBP4 (Met1~Cys304)
Quality Control	Content: The quality control contains recombinant GBP4 (Met1~Cys304) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescence (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Kidney Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Brain Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Stomach Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant GBP4, Mouse.



WB (Western Blot)
Western Blot: Sample: Lane1: Mouse Serum; Lane2: Mouse Placenta Tissue; Lane3: Mouse Pancreas Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	575501662
NCBI GeneID	55932
NCBI Accession #	NP_001276421.1
NCBI GenBank Nucleotide #	NM_001289492.3
UniProt Accession #	Q61107; Q8VEC5
Molecular Weight	70,801 Da
NCBI Official Full Name	guanylate-binding protein 4
NCBI Official Synonym Full Names	guanylate binding protein 3
NCBI Official Symbol	Gbp3
NCBI Official Synonym Symbols	Gbp4; GBP-3; GBP-4; AW228655
NCBI Protein Information	guanylate-binding protein 4
UniProt Protein Name	Guanylate-binding protein 4
UniProt Gene Name	Gbp4
UniProt Synonym Gene Names	Gbp3; GBP-3; 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.