

Rabbit anti-Human, mouse GBP5 Polyclonal Antibody | anti-GBP5 antibody

GBP5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229565	Rabbit	Human, mouse	Immunohistochemistry, Western Blot, ELISA

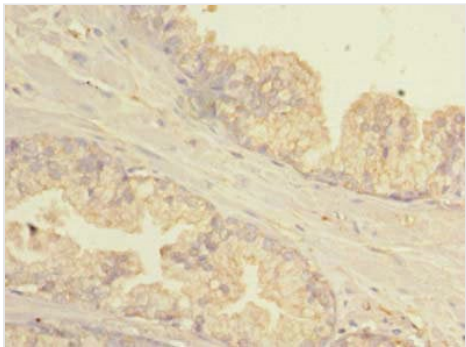
PRODUCT SYNONYMS

GBP5; Polyclonal Antibody; GBP5 Antibody; Guanylate-binding protein 5 (EC:3.6.5.-2 Publications; UNQ2427/PRO4987; GBP-TA antigen; GTP-binding protein 5; GBP-5; Guanine nucleotide-binding protein 5; anti-GBP5 antibody

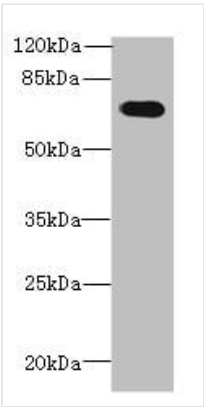
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	586
Applicable Applications for anti-GBP5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Guanylate-binding protein 5 protein (321-500AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-160353 / sc-160354
Research Area	Immunology
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human prostate cancer using AAA229565 at dilution of 1:100



WB (Western Blot)
Western blotAll lanes: GBP5 antibody at 6ug/ml+ Mouse thymus tissueGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 67,56 kDaObserved band size: 67 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GBP5 antibody	As an activator of NLRP3 inflammasome assembly, plays a role in innate immunity and inflammation. Promotes selective NLRP3 inflammasome assembly in response to microbial and soluble, but not crystalline, agents (PubMed:22461501). Hydrolyzes GTP, but in contrast to other family members, does not produce GMP (PubMed:20180847).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	197333737
NCBI GeneID	115362
NCBI Accession #	NP_001127958.1
NCBI GenBank Nucleotide #	NM_001134486.2
UniProt Accession #	Q96PP8; Q86TM5; B2RCE1
Molecular Weight	55,247 Da
NCBI Official Full Name	guanylate-binding protein 5
NCBI Official Synonym Full Names	guanylate binding protein 5
NCBI Official Symbol	GBP5
NCBI Official Synonym Symbols	GBP-5
NCBI Protein Information	guanylate-binding protein 5
UniProt Protein Name	Guanylate-binding protein 5
UniProt Gene Name	GBP5
UniProt Synonym Gene Names	GBP-5
UniProt Entry Name	GBP5_HUMAN

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.