

Rabbit anti-Human, Mouse GCA Polyclonal Antibody | anti-GCA antibody

GCA Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311464	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

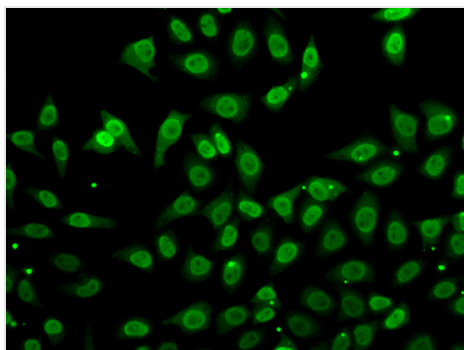
PRODUCT SYNONYMS

GCA; Polyclonal Antibody; GCA Polyclonal Antibody; GCL; grancalcin; anti-GCA antibody

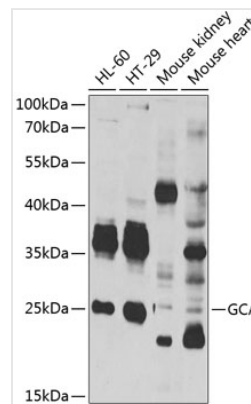
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-GCA antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human GCA (NP_036330.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using GCA antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GCA antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GCA antibody	This gene product, grancalcin, is a calcium-binding protein abundant in neutrophils and macrophages. It belongs to the penta-EF-hand subfamily of proteins which includes sorcin, calpain, and ALG-2. Grancalcin localization is dependent upon calcium and magnesium. In the absence of divalent cation, grancalcin localizes to the cytosolic fraction; with magnesium alone, it partitions with the granule fraction; and in the presence of magnesium and calcium, it associates with both the granule and membrane fractions, suggesting a role for grancalcin in granule-membrane fusion and degranulation.
Product Categories/Family for anti-GCA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912388
NCBI GeneID	25801
NCBI Accession #	NP_036330.1
NCBI GenBank Nucleotide #	NM_012198.3
UniProt Accession #	P28676; Q53TB5; Q59EP3; B2R5X3
Molecular Weight	24,010 Da
NCBI Official Full Name	grancalcin
NCBI Official Synonym Full Names	grancalcin, EF-hand calcium binding protein
NCBI Official Symbol	GCA
NCBI Official Synonym Symbols	GCL
NCBI Protein Information	grancalcin; grancalcin, EF-hand calcium-binding protein; grancalcin, penta-EF-hand protein
UniProt Protein Name	Grancalcin
UniProt Gene Name	GCA
UniProt Synonym Gene Names	GCL
UniProt Entry Name	GRAN_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gca-antibody-immunofluorescence-western-blot-elisa/311464>