

Rabbit Golgin subfamily A member 4 Polyclonal Antibody | anti-GOLGA4 antibody

Golgin subfamily A member 4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31184	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Zebrafish(88%), Bovine(100%), Horse(100%), Sheep(100%), Dog(100%)	Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

Golgin subfamily A member 4; Polyclonal Antibody; Golgin subfamily A member 4 Antibody; 256 kDa golgin; 72.1 protein; GCP2; GOGA4_HUMAN; GOLG; GOLGA4; golgi autoantigen; golgin subfamily a; 4; golgin-240; Golgin-245; MU-RMS-40.18; OTTHUMP00000161363; OTTHUMP00000208897; OTTHUMP00000209805; p230; Protein 72.1; Trans-Golgi p230; anti-GOLGA4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Zebrafish(88%), Bovine(100%), Horse(100%), Sheep(100%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	Golgin subfamily A member 4 Antibody detects endogenous levels of total Golgin subfamily A member 4.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	218
Applicable Applications for anti-GOLGA4 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	IF: 1:100-1:500 ICC: 1:100-1:500 WB: 1:500-1:2000 IHC: 1:50-1:200 ELISA(peptide): 1:20,000-1:40,000
Immunogen	A synthesized peptide derived from human Golgin subfamily A member 4, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry-Paraffin)
AAA31184 at 1/100 staining Human kidney cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



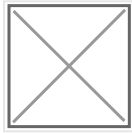
IHC (Immunohistochemistry-Paraffin)
AAA31184 at 1/100 staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31184 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31184 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31184 at 1/100 staining Mouse colorectal tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31184 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GOLGA4 antibody	Function: Involved in vesicular trafficking at the Golgi apparatus level. May play a role in delivery of transport vesicles containing GPI-linked proteins from the trans-Golgi network through its interaction with MACF1. Involved in endosome-to-Golgi trafficking (PubMed:29084197).
	Subcellular Location: Cytoplasm. Golgi apparatus membrane>Peripheral membrane protein. Golgi apparatus>trans-Golgi network membrane.
	Subunit Structure: Homodimer (PubMed:14718928). Interacts with RAB6A (PubMed:10209123). Interacts with GTP-bound ARL1 and ARL3 (PubMed:11303027, PubMed:14580338, PubMed:14718928). Interacts with MACF1 (PubMed:15265687). Directly interacts with TBC1D23 (PubMed:29084197). Interacts with FAM91A1; this interaction may be mediated by TBC1D23 (PubMed:29084197).
	Similarity: Extended rod-like protein with coiled-coil domains.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71297253
NCBI GeneID	2803
UniProt Accession #	Q13439
Molecular Weight	Observed Molecular Weight: (Observed)261kD. Predicted Molecular Weight: (Calculated)261kDa.
NCBI Official Full Name	GOLGA4 protein
NCBI Official Synonym Full Names	golgin A4

NCBI Official Symbol	GOLGA4
NCBI Official Synonym Symbols	GCP2; GOLG; p230; CRPF46; MU-RMS-40.18
NCBI Protein Information	golgin subfamily A member 4
UniProt Protein Name	Golgin subfamily A member 4
UniProt Gene Name	GOLGA4

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/golgin-subfamily-a-member-4-antibody-immunofluorescence-immunocytochemistry-elisa/31184>