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GOLGA3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55174

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q08378
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	167355
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GOLGA3/Golgin 160
Epitope Specificity	951-1050/1498
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasmic and Golgi Apparatus.
SUBUNIT	Homodimer. Interacts with GOLGA7. Isoform 1 interacts with GOPC while isoform 3 does not.
Post-translational modifications	Cleaved by caspases in apoptotic cells.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The Golgi apparatus consists of a series of stacked, flattened membrane stacks called cisternae that are involved in the transport of lipids and proteins in the secretory pathway and are important for Golgi-microtubule interaction. Golgin 160 is a 1,498 amino acid protein that localizes to both the cytoplasm and to the Golgi apparatus and contains a series of coiled-coil domains. Expressed in a variety of tissues, including heart, liver, testis, kidney, lung and salivary gland, golgin 160 functions as a homodimer that interacts with GOLGA7 and is thought to be involved in maintaining Golgi structure and may play a role in nuclear transport and Golgi apparatus localization. Multiple isoforms of golgin 160 exist due to alternative splicing events.

Additional Information

Gene ID	2802
Other Names	Golgin subfamily A member 3, Golgi complex-associated protein of 170 kDa, GCP170, Golgin-160, GOLGA3
Target/Specificity	Expressed in all tissues tested. Expressed in liver, testis, lung, heart, salivary gland and kidney.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-50

	0,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GOLGA3
Function	Golgi auto-antigen; probably involved in maintaining Golgi structure.
Cellular Location	Cytoplasm. Golgi apparatus, Golgi stack membrane; Peripheral membrane protein
Tissue Location	Expressed in all tissues tested. Expressed in liver, testis, lung, heart, salivary gland and kidney