

## Golgin 45 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A15169	Rabbit	1 mg/ml	44910
<b>Applications</b>	WB,IHC,IF,ELISA		
<b>Reactivity</b>	Human,Mouse		
<b>Dilution</b>	WB: 1:500 - 1:2000. IHC: 1:100 - 1:300. IF: 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	Golgin 45 Polyclonal Antibody detects endogenous levels of Golgin 45 protein.		
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human BLZF1. AA range:10-59		
<b>Uniprot No</b>	Q9H2G9		
<b>Alternative names</b>	BLZF1; JEM1; Golgin-45; Basic leucine zipper nuclear factor 1; JEM-1; p45 basic leucine-zipper nuclear factor		
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
<b>Clonality</b>	Polyclonal		
<b>Isotype</b>	IgG		
<b>Conjugation</b>			
<b>Background</b>	<p>caution:Because of the presence of a potential basic motif and leucine-zipper domain, PubMed:9129147 and PubMed:11056056 have thought that BLZF1 is a potential transcription factor. They found it localized in the nucleus, except isoform 2, which was cytoplasmic. However, homology at several typical position for basic or hydrophobic residues is missing.,function:Required for normal Golgi structure and for protein transport from the endoplasmic reticulum (ER) through the Golgi apparatus to the cell surface.,induction:Up-regulated by retinoids.,subunit:Interacts with GORASP2 and with the GTP-bound form of RAB2, but not with other Golgi Rab proteins. GORASP2 and BLZF1 form a RAB2 effector complex on medial Golgi.,tissue specificity:Ubiquitous. Also found in cell lines derived from several hematopoietic pathologies, such as T-cell leukemia, pro-B, pre-B, myeloma, and plasmacytoma cell lines, but not in Burkitt lymphoma cells.,</p>		
<b>Other</b>	BLZF1, Golgin-45		

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**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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**Regulatory Disclaimer**

*For life science research only. Not for use in diagnostic procedures.*

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