

Rabbit anti-Human, Mouse BLZF1 Polyclonal Antibody | anti-BLZF1 antibody

BLZF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324126	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

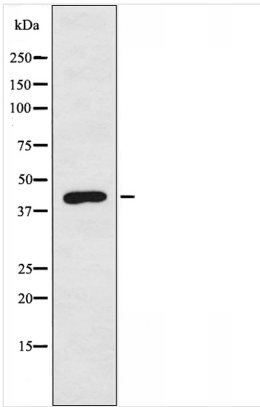
PRODUCT SYNONYMS

BLZF1; Polyclonal Antibody; BLZF1 Antibody; 1700030G05Rik; basic leucine zipper nuclear factor 1 (JEM 1); Basic leucine zipper nuclear factor 1; Blzf1l; GO45_HUMAN; GOLGIN 45; Golgin-45; JEM 1; JEM 1s; JEM-1; JEM1; MGC22497; p45 basic leucine zipper nuclear factor; p45 basic leucine-zipper nuclear factor; anti-BLZF1 antibody

PRODUCT SPECIFICATIONS

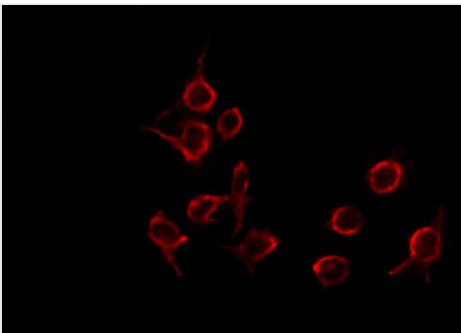
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	BLZF1 antibody detects endogenous levels of total BLZF1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	174
Applicable Applications for anti-BLZF1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm; Nucleus and Golgi Apparatus Lumen.
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.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using BLZF1 antibody.



IF (Immunofluorescence)

AAA324126 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BLZF1 antibody	Function: Required for normal Golgi structure and for protein transport from the endoplasmic reticulum (ER) through the Golgi apparatus to the cell surface. Subunit Structure: 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. Post-translational Modifications: ADP-ribosylated by tankyrase TNKS and TNKS2. Poly-ADP-ribosylated protein is recognized by RNF146, followed by ubiquitination. Ubiquitinated by RNF146 when poly-ADP-ribosylated, leading to its degradation. Similarity: The tankyrase-binding motif (also named TBD) is required for interaction with tankyrase TNKS and TNKS2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1004350209
NCBI GeneID	8548
NCBI Accession #	NP_001307901.1
NCBI GenBank Nucleotide #	NM_001320972.1
UniProt Accession #	Q9H2G9; O15298; Q5T531; Q5T533; Q9GZX4
Molecular Weight	Observed: 47 kD Predicted: 45 kDa
NCBI Official Full Name	golgin-45 isoform 2
NCBI Official Synonym Full Names	basic leucine zipper nuclear factor 1
NCBI Official Symbol	BLZF1
NCBI Official Synonym Symbols	JEM1; JEM-1; JEM-1s; GOLGIN-45
NCBI Protein Information	golgin-45
UniProt Protein Name	Golgin-45
UniProt Gene Name	BLZF1
UniProt Synonym Gene Names	JEM1

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.

