

Rabbit BCL9 Polyclonal Antibody | anti-BCL9 antibody

BCL9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328989	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(80%), Zebrafish(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%)	ELISA

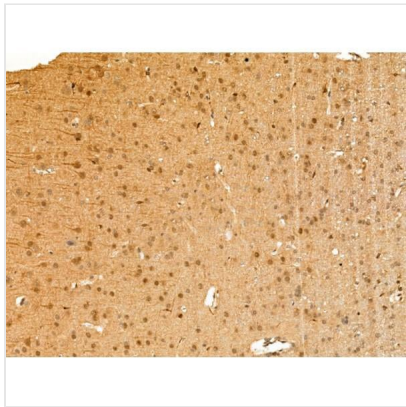
PRODUCT SYNONYMS

BCL9; Polyclonal Antibody; BCL9 Antibody; anti-BCL9 antibody

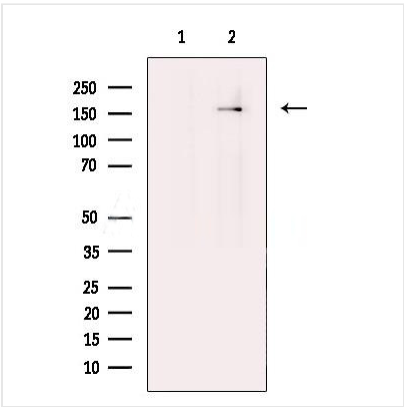
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(80%), Zebrafish(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	BCL9 Antibody detects endogenous levels of total BCL9.
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	1426
Applicable Applications for anti-BCL9 antibody	ELISA
Immunogen	A synthesized peptide derived from human BCL9, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA328989 at 1/100 staining Rat brain 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 4Å°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Hela cells, using BCL9 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-BCL9 antibody	Function: Involved in signal transduction through the Wnt pathway. Promotes beta-catenin's transcriptional activity (By similarity).
	Subcellular Location: Nucleus.
	Tissue Specificity: Detected at low levels in thymus, prostate, testis, ovary and small intestine, and at lower levels in spleen, colon and blood.
	Subunit Structure: Binds to beta-catenin (CTNNB1), PYGO1 and PYGO2; the interaction with PYGO1 increases PYGO1 affinity to histone H3 methylated at 'Lys 4'.
	Similarity: Belongs to the BCL9 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	72256200
NCBI GeneID	607
NCBI Accession #	NP_004317.2
NCBI GenBank Nucleotide #	NP_004317.2
UniProt Accession #	O00512
Molecular Weight	Observed Molecular Weight: (Observed)149kD. Predicted Molecular Weight: (Calculated)149kDa.
NCBI Official Full Name	B-cell CLL/lymphoma 9 protein
NCBI Official Synonym Full Names	BCL9 transcription coactivator
NCBI Official Symbol	BCL9
NCBI Official Synonym Symbols	LGS
NCBI Protein Information	B-cell CLL/lymphoma 9 protein
UniProt Protein Name	B-cell CLL/lymphoma 9 protein
UniProt Gene Name	BCL9

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://www.aaabiotech.com/polyclonal/bcl9-antibody-elisa/328989>