

Rabbit OLIG2 Polyclonal Antibody | anti-OLIG2 antibody

OLIG2 Antibody - C-terminal region

CATALOG # AAA197455	HOST Rabbit	REACTIVITY Dog, Guinea Pig, Horse, Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

OLIG2; Polyclonal Antibody; OLIG2 Antibody - C-terminal region; anti-OLIG2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AA VSSASLPGSG LPSVGSIRPP HGLLKSPSAA AAAPLGGGGG GSGASGGF
Sequence Length	323
Applicable Applications for anti-OLIG2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human OLIG2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



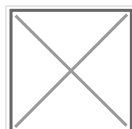
WB (Western Blot)

OLIG2 Antibody - C-terminal region validated by WB using Fetal Lung cell lysate at 1.0ug/ml.



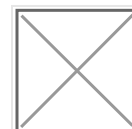
WB (Western Blot)

Host: RabbitTarget Name: OLIG2Sample Type: Fetal LungLane A: Primary AntibodyLane B: Primary Antibody + Blocking PeptidePrimary Antibody Concentration: 1ug/mlPeptide Concentration: 5ug/mlLysate Quantity: 25ug/laneGel Concentration: 0.12%



WB (Western Blot)

Host: RabbitTarget Name: OLIG2Sample Tissue: Human 293TAntibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Sample Type: Human Optic Nerve and Spinal CordCellular Target: Oligodendrocyte Lineage CellsDilution: 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-OLIG2 antibody	This is a rabbit polyclonal antibody against OLIG2. It was validated on Western Blot Target Description: OLIG2 is a basic helix-loop-helix transcription factor which is expressed in oligodendroglial tumors of the brain. OLIG2 is an essential regulator of ventral neuroectodermal progenitor cell fate. It is associated with T-cell acute lymphoblastic leukemia due to a chromosomal translocation t(14;21)(q11.2;q22). OLIG2 might play a role in learning deficits associated with Down syndrome.
Product Categories/Family for anti-OLIG2 antibody	Polyclonal ; Transcription Factor ; Transcription Regulation ; Cell Biology ; Immunohistochemistry ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	17978475
NCBI GeneID	10215
NCBI Accession #	NP_005797
NCBI GenBank Nucleotide #	NM_005806
UniProt Accession #	Q13516
Molecular Weight	32kDa
NCBI Official Full Name	oligodendrocyte transcription factor 2
NCBI Official Synonym Full Names	oligodendrocyte transcription factor 2
NCBI Official Symbol	OLIG2
NCBI Official Synonym Symbols	BHLHB1; OLIGO2; RACK17; PRKCBP2; bHLHe19
NCBI Protein Information	oligodendrocyte transcription factor 2
UniProt Protein Name	Oligodendrocyte transcription factor 2
UniProt Gene Name	OLIG2
UniProt Synonym Gene Names	BHLHB1; BHLHE19; PRKCBP2; RACK17; Oligo2; bHLHb1; bHLHe19
UniProt Entry Name	OLIG2_HUMAN

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/olig2-antibody-western-blot-immunohistochemistry-elisa/197455>