

Rabbit OLIG2 Polyclonal Antibody | anti-OLIG2 antibody

OLIG2 Rabbit Polyclonal Antibody

CATALOG # AAA313343	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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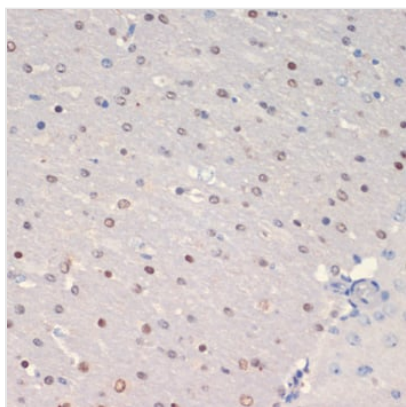
PRODUCT SYNONYMS

OLIG2; Polyclonal Antibody; OLIG2 Rabbit Polyclonal Antibody; BHLHB1; OLIGO2; PRKCBP2; RACK17; bHLHe19; anti-OLIG2 antibody

PRODUCT SPECIFICATIONS

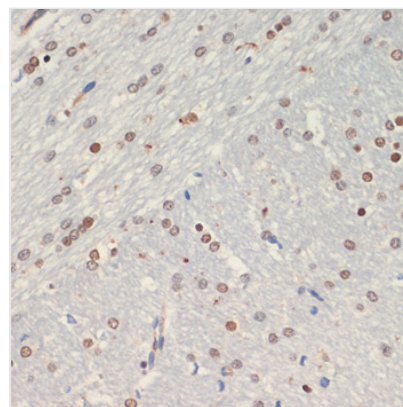
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-OLIG2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human OLIG2 (NP_005797.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



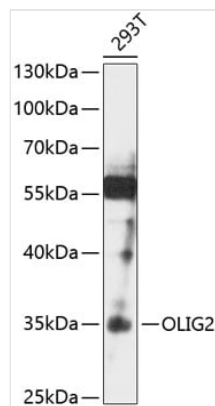
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using OLIG2 at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using OLIG2 at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of 293T cells, using OLIG2 at 1:3000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-OLIG2 antibody	This gene encodes a basic helix-loop-helix transcription factor which is expressed in oligodendroglial tumors of the brain. The protein is an essential regulator of ventral neuroectodermal progenitor cell fate. The gene is involved in a chromosomal translocation t(14;21)(q11.2;q22) associated with T-cell acute lymphoblastic leukemia. Its chromosomal location is within a region of chromosome 21 which has been suggested to play a role in learning deficits associated with Down syndrome.
Product Categories/Family for anti-OLIG2 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	17978475
NCBI GeneID	10215
NCBI Accession #	NP_005797
NCBI GenBank Nucleotide #	NM_005806.3
UniProt Accession #	Q13516; Q05BP9; Q49AL3; Q86X04; Q9NZ14; B3KRF3
Molecular Weight	Predicted: 36 kDa Observed: 37 kDa
NCBI Official Full Name	oligodendrocyte transcription factor 2
NCBI Official Synonym Full Names	oligodendrocyte lineage transcription factor 2
NCBI Official Symbol	OLIG2
NCBI Official Synonym Symbols	BHLHB1; OLIGO2; RACK17; PRKCBP2; bHLHe19
NCBI Protein Information	oligodendrocyte transcription factor 2; protein kinase C-binding protein 2; class B basic helix-loop-helix protein 1; class E basic helix-loop-helix protein 19; human protein kinase C-binding protein RACK17; basic domain, helix-loop-helix protein, class B
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://www.aaabiotech.com/polyclonal/olig2-antibody-immunohistochemistry-western-blot-elisa/313343>