

Rabbit anti-Human, Mouse OLIG2 Polyclonal Antibody | anti-OLIG2 antibody

OLIG2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327376	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

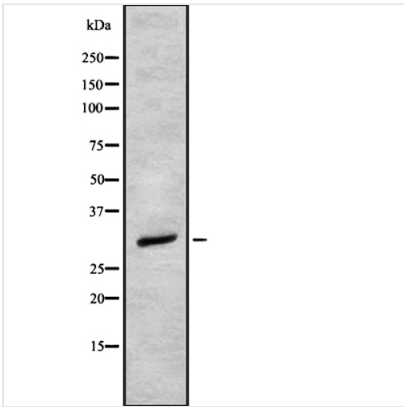
PRODUCT SYNONYMS

OLIG2; Polyclonal Antibody; OLIG2 Antibody; Basic domain helix loop helix protein class B 1; Basic helix loop helix protein class B 1; BHLHB; bHLHB1; bHLHe19; Class B basic helix loop helix protein 1; Class B basic helix-loop-helix protein 1; class E basic helix loop helix protein 19; Class E basic helix-loop-helix protein 19; Human protein kinase C binding protein RACK17; Olig2; OLIG2_HUMAN; Oligo2; Oligodendrocyte lineage transcription factor 2; Oligodendrocyte specific bHLH transcription factor 2; Oligodendrocyte transcription factor 2; OTTHUMP00000067569; OTTHUMP00000067570; PRKCBP2; Protein kinase C binding protein 2; Protein kinase C binding protein RACK17; Protein kinase C-binding protein 2; Protein kinase C-binding protein RACK17; RACK17; anti-OLIG2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	323
Applicable Applications for anti-OLIG2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ADAMTS20, corresponding to a region within N-terminal amino acids
Subcellular Location	Nucleus. Cytoplasm. The NLS contained in the bHLH domain could be masked in the native form and translocation to the nucleus could be mediated by interaction either with class E bHLH partner protein or with NKX2-2.
Tissue Specificity	Expressed in the brain, in oligodendrocytes. Strongly expressed in oligodendrogliomas, while expression is weak to moderate in astrocytomas. Expression in glioblastomas highly variable.
Predicted Cross Reactivity	Pig, Dog, Chicken, Xenopus
Similarity	Pig (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis OLIG2 using K562 whole cell lysates

NCBI AND UNIPROT INFORMATION

NCBI GI #	17978475
NCBI GeneID	10215
NCBI Accession #	NP_005797.1
NCBI GenBank Nucleotide #	NM_005806.3
UniProt Accession #	Q13516; Q05BP9; Q49AL3; Q86X04; Q9NZ14; B3KRF3
Molecular Weight	215kDa
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/olig2-antibody-immunohistochemistry-western-blot-elisa/327376>