

DATASHEET

Oligo2 Rabbit Polyclonal Antibody

CAT. NO. APA10995

KEY FEATURES

Target	Oligo2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

Required for oligodendrocyte and motor neuron specification in the spinal cord, as well as for the development of somatic motor neurons in the hindbrain. Functions together with ZNF488 to promote oligodendrocyte differentiation. Cooperates with OLIG1 to establish the pMN domain of the embryonic neural tube. Antagonist of V2 interneuron and of NKX2-2-induced V3 interneuron development.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

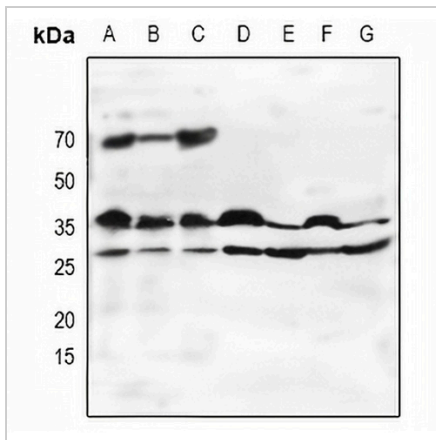
Description	Rabbit polyclonal antibody to Oligo2
Specificity	Recognizes endogenous levels of Oligo2 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Oligo2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 32 kD; Observed: 30; 40 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	BHLHB1; BHLHE19; PRKCBP2; RACK17; Oligodendrocyte transcription factor 2; Oligo2; Class B basic helix-loop-helix protein 1; bHLHb1; Class E basic helix-loop-helix protein 19; bHLHe19; Protein kinase C-binding protein 2; Protein kinase C-binding protein RACK17
Gene Symbol	OLIG2
Entrez Gene	10215(Human); 50913(Mouse)
SwissProt	Q13516(Human); Q9EQW6(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of Oligo2 expression in HEK293T (A), HeLa (B), LO2 (C), mouse brain (D), mouse muscle (E), rat brain (F), rat muscle (G) whole cell lysates. (Predicted band size: 32 kD; Observed band size: 30; 40 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.