

DATASHEET

Oligo3 Rabbit Polyclonal Antibody

CAT. NO. APA18787

KEY FEATURES

Target	Oligo3	Source / Host	Rabbit
Reactivity	Mouse	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

Enables sequence-specific double-stranded DNA binding activity. Predicted to be involved in axon development; positive regulation of transcription by RNA polymerase II; and sensory organ development. Predicted to act upstream of or within negative regulation of transcription by RNA polymerase II; spinal cord motor neuron cell fate specification; and spinal cord motor neuron migration. Predicted to be located in chromatin. Predicted to be active in nucleus.

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

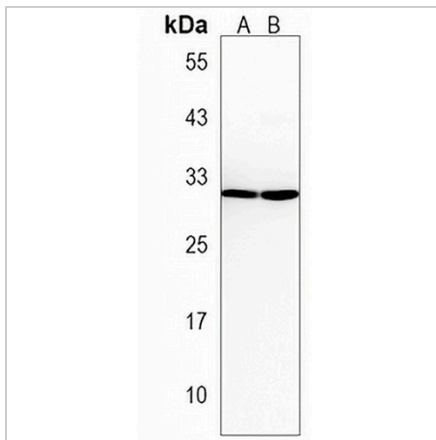
Description	Rabbit polyclonal antibody to Oligo3
Specificity	Recognizes endogenous levels of Oligo3 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-terminal region of human Oligo3. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 29 kD; Observed: 30 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	BHLHB7; BHLHE20; Oligodendrocyte transcription factor 3; Oligo3; Class B basic helix-loop-helix protein 7; bHLHb7; Class E basic helix-loop-helix protein 20; bHLHe20
Gene Symbol	OLIG3
Entrez Gene	94222(Mouse)
SwissProt	Q6PFG8(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 Oligo3 expression in mouse brain (A), mouse skeletal muscle (B) whole cell lysates. (Predicted band size: 29 kD; Observed band size: 30 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.