

DATASHEET

Oligo1 Rabbit Polyclonal Antibody

CAT. NO. APA18772

KEY FEATURES

Target	Oligo1	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

Predicted to enable DNA-binding transcription factor activity, RNA polymerase II-specific and E-box 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 neuron fate commitment. 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

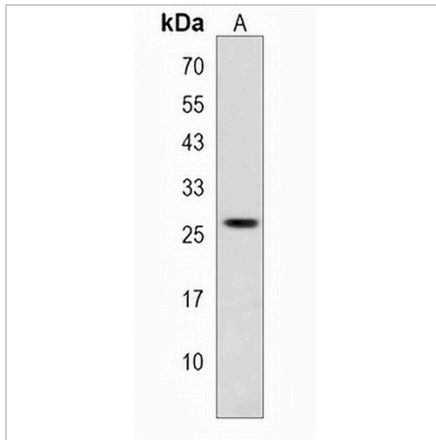
Description	Rabbit polyclonal antibody to Oligo1
Specificity	Recognizes endogenous levels of Oligo1 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the Central region of human Oligo1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 27 kD; Observed: 27 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	BHLHB6; BHLHE21; Oligodendrocyte transcription factor 1; Oligo1; Class B basic helix-loop-helix protein 6; bHLHb6; Class E basic helix-loop-helix protein 21; bHLHe21
Gene Symbol	OLIG1
Entrez Gene	50914(Mouse)
SwissProt	Q9JKN5(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 Oligo1 expression in mouse brain (A) whole cell lysates.
(Predicted band size: 27 kD; Observed band size: 27 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.