

Olig1 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12632

Product Information

Application	WB
Primary Accession	Q9WUQ3
Other Accession	NM_021770 , NP_068538
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27239

Additional Information

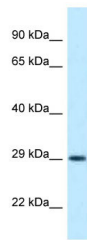
Gene ID	60394
Alias Symbol	Olig1
Other Names	Oligodendrocyte transcription factor 1, Oligo1, Olg-1 bHLH protein, Olig1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Olig1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Olig1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Olig1
Function	Orchestrates progenitor cell fates during cortical gliogenesis and gliomagenesis. In cooperation with OLIG2, activates oligodendrocyte precursor cells (OPCs) formation while repressing the generation of olfactory bulb interneuron intermediate progenitors (OBIN) through transcriptional regulation of GSX2. Mechanistically, binds and silences multiple conserved enhancer elements of GSX2. Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube.
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00981}.
Tissue Location	Expressed specifically in the brain, including the corpus callosum,

hippocampal and cerebral white matter. Also detected in cells scattered in gray matter, most probably in oligodendrocytes

Images



WB Suggested Anti-Olig1 Antibody Titration: 1.0 µg/ml
Positive Control: Rat Lung

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.