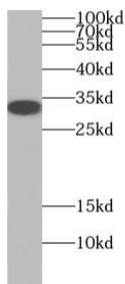
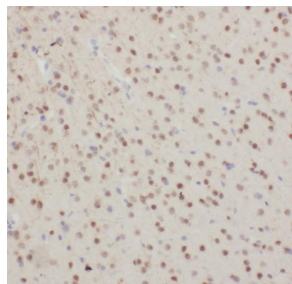


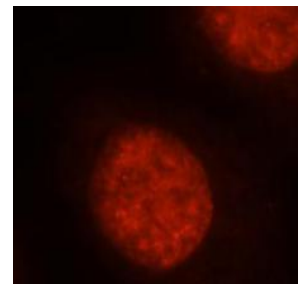
Cat. No:	AB-84295
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	oligodendrocyte lineage transcription factor 2
Reactivity:	Human, Mouse, Rat
Applications:	Western blot: 1:500 - 1:1000 Immunohistochemistry: 1:500 - 1:1500 Immunofluorescence: 1:500 - 1:1000 Immunoprecipitation: 1:500 - 1:1000
Molecular Weight:	32 kDa
Purification:	≥95% as determined by SDS-PAGE
Synonyms:	BHLHB1, BHLHE19, PRKCBP2, RACK17
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. 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 (By similarity).
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Storage:	Store at -20°C for 12 months (Avoid repeated freeze / thaw cycles.)



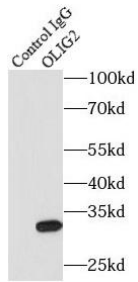
Human brain tissue were subjected to SDS PAGE followed by western blot with OLIG2 antibody at dilution of 1:600



Immunohistochemistry of paraffin-embedded mouse brain tissue using OLIG2 antibody at dilution of 1:800



Immunofluorescent analysis of Neuro-2a cells using OLIG2 antibody at dilution of 1:600 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).



IP Result of anti-OLIG2 (IP: Olig2 3ug;
Detection:Olig2 1:500) with mouse brain
tissue lysate 4000ug.

**For Research use only
IMMUNOLOGICAL SCIENCES**