

# OLIG2 antibody

## Cat. No. GTX132732

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Human, Mouse, Rat, Pig



## Applications

## **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

WB 1:500-1:3000   ICC/IF 1:100-1:1000   IHC-P Assay dependent	Recommended dilution
	1:500-1:3000
IIIC D. Assert dependent	1:100-1:1000
inc-P Assay dependent	Assay dependent
IHC-Fr Assay dependent	Assay dependent

Not tested in other applications.

Calculated MW 32 kDa. (Note)

Properties	
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human OLIG2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



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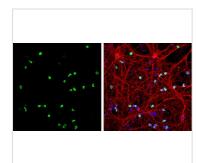


Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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#### DATA IMAGES



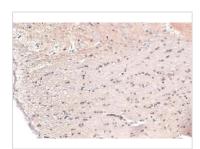
#### GTX132732 ICC/IF Image

OLIG2 antibody detects OLIG2 protein by immunofluorescent analysis.

Sample: DIV9 rat E18 primary cortical neurons and glia cells were fixed in 4% paraformaldehyde at RT for 15

Green: OLIG2 protein stained by OLIG2 antibody (GTX132732) diluted at 1:500.

Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT886] (GTX631830) diluted at 1:500. Blue: Fluoroshield with DAPI (GTX30920).



#### GTX132732 IHC-P Image

OLIG2 antibody detects OLIG2 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

OLIG2 stained by OLIG2 antibody (GTX132732) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



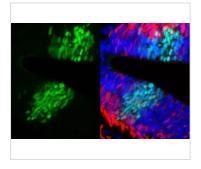
#### GTX132732 IHC-P Image

OLIG2 antibody detects OLIG2 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain.

OLIG2 stained by OLIG2 antibody (GTX132732) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



### GTX132732 IHC-P Image

OLIG2 antibody detects OLIG2 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse E10.5 embryo.

Green: OLIG2 stained by OLIG2 antibody (GTX132732) diluted at 1:500.

Red: beta Tubulin 3/ Tuj1, a Cytoskeleton marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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