OLIG2 antibody [HL1072]

Cat. No. GTX636104

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Application	ICC/IF, IHC-P, IHC-Fr
Reactivity	Mouse, Rat

Reference (1)
Package
100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent

Not tested in other applications.

Calculated MW	32 kDa. (Note)

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC 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	Affinity purified by Protein A.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

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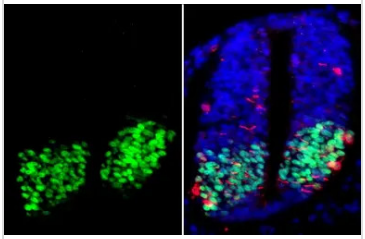
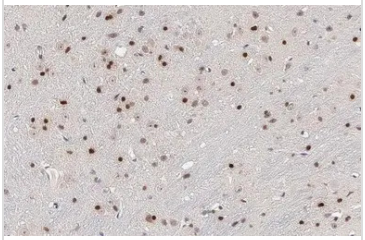
DATA IMAGES



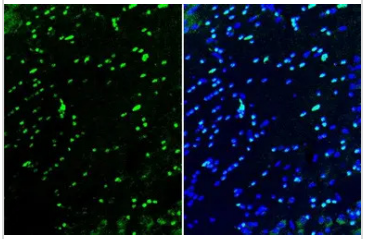
GTX636104 IHC-P Image

OLIG2 antibody [HL1072] detects OLIG2 protein at nucleus by immunohistochemical analysis.
Sample: Paraffin-embedded mouse E10.5 embryo.
Green: OLIG2 stained by OLIG2 antibody [HL1072] (GTX636104) diluted at 1:200.
Red: beta Tubulin 3/ Tuj1, a nerual marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



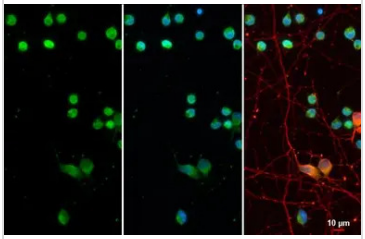
GTX636104 IHC-P Image

OLIG2 antibody [HL1072] detects OLIG2 protein at nucleus by immunohistochemical analysis.
Sample: Paraffin-embedded mouse brain.
OLIG2 stained by OLIG2 antibody [HL1072] (GTX636104) diluted at 1:100.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



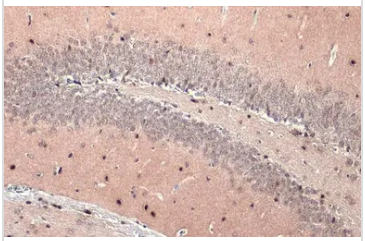
GTX636104 IHC-Fr Image

OLIG2 antibody [HL1072] detects OLIG2 protein at nucleus by immunohistochemical analysis.
Sample: Frozen-sectioned mouse brain.
Green: OLIG2 stained by OLIG2 antibody [HL1072] (GTX636104) diluted at 1:100.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: ice-cold MeOH for 5 min



GTX636104 ICC/IF Image

Olig2 antibody detects Olig2 protein at oligodendrocyte by immunofluorescent analysis.
Sample: DIV10 rat cortical neuron and glia cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: Olig2 stained by Olig2 antibody (GTX636104) diluted at 1:500.
Red: Tau, a marker, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.



GTX636104 IHC-P Image

OLIG2 antibody [HL1072] detects OLIG2 protein at nucleus by immunohistochemical analysis.
Sample: Paraffin-embedded mouse brain.
OLIG2 stained by OLIG2 antibody [HL1072] (GTX636104) diluted at 1:100.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

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