

LHX3 antibody

Cat. No. GTX134076

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

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 44 kDa. ([Note](#))

Properties

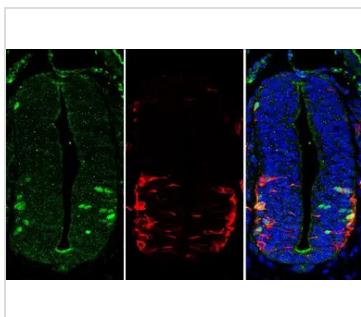
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.86 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of mouse LHX3. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
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.



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DATA IMAGES

**GTx134076 IHC-P Image**

LHX3 antibody detects LHX3 protein at nucleus by immunohistochemical analysis.

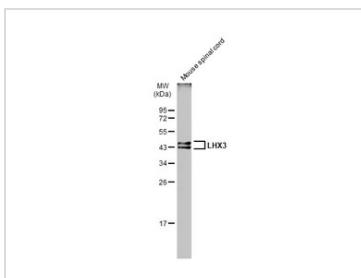
Sample: Paraffin-embedded mouse E10.5 embryo.

Green: LHX3 stained by LHX3 antibody (GTx134076) diluted at 1:250.

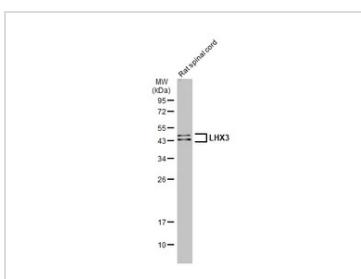
Red: beta Tubulin 3/ Tuj1, a cytoskeleton marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTx631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).

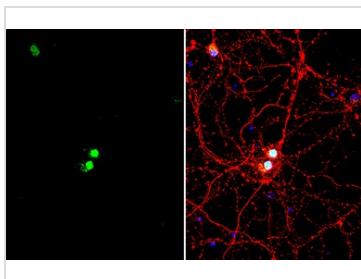
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTx134076 WB Image**

Mouse tissue extract (50 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with LHX3 antibody (GTx134076) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

**GTx134076 WB Image**

Rat tissue extract (50 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with LHX3 antibody (GTx134076) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

**GTx134076 ICC/IF Image**

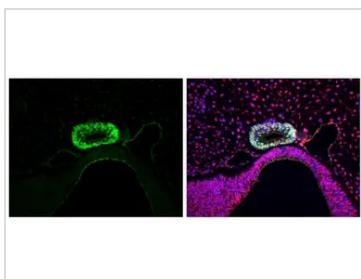
LHX3 antibody detects LHX3 protein by immunofluorescent analysis.

Sample: DIV10 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: LHX3 stained by LHX3 antibody (GTx134076) diluted at 1:500.

Red: Tau, stained by Tau antibody [GT287] (GTx634809) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).

**GTx134076 IHC-P Image**

LHX3 antibody detects LHX3 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded mouse E10.5 embryo.

Green: LHX3 stained by LHX3 antibody (GTx134076) diluted at 1:500.

Red: SOX2, a nucleus marker, stained by SOX2 antibody [GT1352] (GTx627405) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTx30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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