

Mouse anti-Human LHX2 Monoclonal Antibody | anti-LHX2 antibody

LHX2 Antibody

CATALOG # AAA312074	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

LHX2; Monoclonal Antibody; LHX2 Antibody; hLhx2 antibody; Homeobox protein LH-2 antibody; Homeobox protein LH2 antibody; LH2 antibody; LHX2 antibody; LHX2_HUMAN antibody; LIM homeobox 2 antibody; LIM homeobox protein 2 antibody; LIM HOX gene 2 antibody; LIM/homeobox protein Lhx2 antibody; anti-LHX2 antibody

PRODUCT SPECIFICATIONS

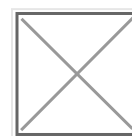
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	F8-G2
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1%BSA, Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-LHX2 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

ICC staining LHX2 (green) and actin filaments (red) in Hela cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of LHX2 on human LHX2 recombinant protein using anti-LHX2 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-LHX2 antibody

During development, genetically distinct subtypes of motor neurons express unique combinations of LIM-type homeodomain factors, which regulate cell migration and guide motor axons to establish the fidelity of a binary choice in axonal trajectory. The LIM gene family encodes a set of gene products, which carry the LIM domain, a unique cysteine-rich zinc-binding domain. The overlapping expression of LHX1, LHX3, LHX4, Isl-1 and Isl-2 in developing motor neurons along the spinal column may influence the establishment of specific motor neuron subtypes. The human LHX2 gene maps to chromosome 9q33.3 and encodes a 389 amino acid protein. LHX2 is involved in early patterning of the telencephalon, where the neuroepithelium is first divided into cortical tissue and cortical hem.

Product Categories/Family for anti-LHX2 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	30795196
NCBI GeneID	9355
NCBI Accession #	NP_004780.3
NCBI GenBank Nucleotide #	NM_004789.3
UniProt Accession #	P50458; O95860; Q52M57; Q8N1Z3
Molecular Weight	44,373 Da
NCBI Official Full Name	LIM/homeobox protein Lhx2
NCBI Official Synonym Full Names	LIM homeobox 2
NCBI Official Symbol	LHX2
NCBI Official Synonym Symbols	LH2; hLhx2
NCBI Protein Information	LIM/homeobox protein Lhx2
UniProt Protein Name	LIM/homeobox protein Lhx2
UniProt Gene Name	LHX2
UniProt Synonym Gene Names	LH2; Homeobox protein LH-2; LIM homeobox protein 2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lhx2-antibody-clone-f8-g2-immunocytochemistry-western-blot-elisa/312074>