antibodies - online.com







anti-LHX3 antibody (Middle Region)

Images



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Quantity:	100 μL
Target:	LHX3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LHX3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human LHX3
Sequence:	QNRRAKEKRL KKDAGRQRWG QYFRNMKRSR GGSKSDKDSV QEGQDSDAEV
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 87%, Human: 100%, Mouse: 93%, Rat: 100%, Zebrafish: 80%
Characteristics:	This is a rabbit polyclonal antibody against LHX3. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified
Target Details	
Target:	LHX3

Target Details

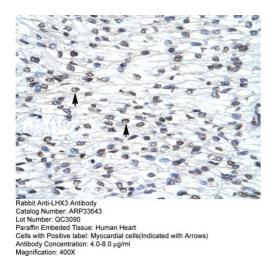
Alternative Name:	LHX3 (LHX3 Products)
Background:	LHX3 encodes a member a large protein family which carry the LIM domain, a unique cysteinerich zinc-binding domain. The encoded protein is a transcription factor that is required for
	pituitary development and motor neuron specification. Mutations in this gene have been
	associated with a syndrome of combined pituitary hormone deficiency and rigid cervical spine.
	Alias Symbols: LIM3, CPHD3, M2-LHX3
	Protein Interaction Partner: ISL2, IFT172, LDB1, CITED2, ISL1, RLIM, LMX1A, LHX1,
	Protein Size: 402
Molecular Weight:	44 kDa
Gene ID:	8022
NCBI Accession:	NM_014564, NP_055379

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 402 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



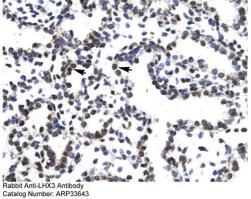
Immunohistochemistry

Image 1. Human Heart

Da___ Western Blotting

Image 2. WB Suggested Anti-LHX3 Antibody Titration:1.25ug/ml Positive Control: Jurkat cell lysate

90 kDa__ 60 kDa__ 42 kDa__ 32 kDa__ 23 kDa__



Rabbit Anti-LHX3 Antibody
Catalog Number: ARP33643
Lot Number: QC3090
Paraffin Embeded Tissue: Human Lung
Cells with Positive label: Alveolar cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 3. Human Lung