

For Research Use Only

MIXL1 Polyclonal antibody

Catalog Number: 22772-1-AP

7 Publications



Basic Information

Catalog Number:

22772-1-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 507 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18732

GenBank Accession Number:

BC113441

GeneID (NCBI):

83881

UNIPROT ID:

Q9H2W2

Full Name:

Mix1 homeobox-like 1 (Xenopus laevis)

Calculated MW:

232 aa, 25 kDa

Observed MW:

20 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

IF

Species Specificity:

human, rat

Cited Species:

human, pig

Positive Controls:

WB : HEK-293 cells, rat pancreas tissue

IF/ICC : HEK-293 cells,

Background Information

Mix1 homeobox-like 1 (MIXL1) Transcription factor that play a central role in proper axial mesendoderm morphogenesis and endoderm formation. Required for efficient differentiation of cells from the primitive streak stage to blood, by acting early in the recruitment and/or expansion of mesodermal progenitors to the hemangioblastic and hematopoietic lineages. Also involved in the morphogenesis of the heart and the gut during embryogenesis. Acts as a negative regulator of brachyury expression. This antibody is specific to MIXL1.

Notable Publications

Author	Pubmed ID	Journal	Application
Julie Bejoy	34746862	STAR Protoc	IF
Julie Bejoy	35883199	Stem Cell Res Ther	IF
Bingbing Ke	30038385	Cell Death Differ	

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

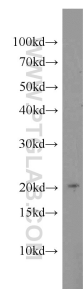
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

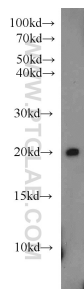
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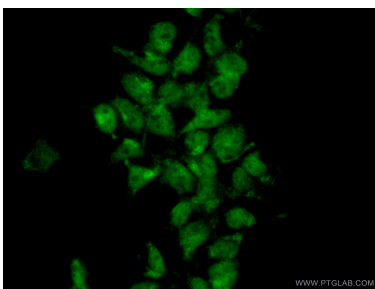
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 22772-1-AP (MIXL1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



rat pancreas tissue were subjected to SDS PAGE followed by western blot with 22772-1-AP (MIXL1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HEK-293 cells using 22772-1-AP (MIXL1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).