

For Research Use Only

ZFHX3 Polyclonal antibody

Catalog Number: 20157-1-AP



Basic Information

Catalog Number:

20157-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 360 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14080

GenBank Accession Number:

BC029653

GeneID (NCBI):

463

UNIPROT ID:

Q15911

Full Name:

zinc finger homeobox 3

Calculated MW:

3703 aa, 404 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:150-1:600

IF/ICC 1:200-1:800

Applications

Tested Applications:

IHC, IF/ICC, ELISA

Species Specificity:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human breast cancer tissue, human prostate cancer tissue

IF/ICC : HeLa cells, MCF-7 cells

Background Information

Zinc finger homeobox protein 3 (ZFHX3) encodes a transcription factor which contains four homeodomains and seventeen zinc fingers. The ZFHX3 transcription factor appears to regulate myogenic and neuronal differentiation. Although the function of ZFHX3 in cardiac tissue is unknown, it is expressed in mouse hearts. (PMID: 26267381)

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

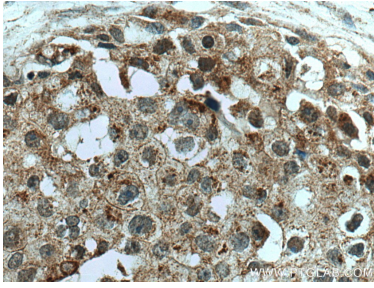
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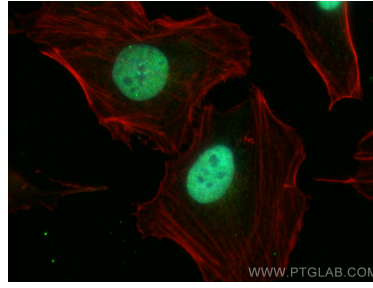
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 20157-1-AP (ZFHX3 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using ZFHX3 antibody (20157-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).