

For Research Use Only

HAND2 Polyclonal antibody

Catalog Number: 21513-1-AP



Basic Information

Catalog Number:

21513-1-AP

Size:

150ul , Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16038

GenBank Accession Number:

BC101406

GeneID (NCBI):

9464

UNIPROT ID:

P61296

Full Name:

heart and neural crest derivatives expressed 2

Calculated MW:

217 aa, 24 kDa

Observed MW:

30-35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, SH-SY5Y cells, SK-N-SH cells

Background Information

HAND2 is a bHLH transcription factor essential for cardiac morphogenesis, neural crest differentiation, and limb development. Acting in the nucleus, it regulates gene networks shaping embryonic heart structure, craniofacial patterning, and limb polarity. Dysregulation of HAND2 is linked to congenital heart defects, craniofacial disorders, and certain cancers, highlighting its importance in both development and disease.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

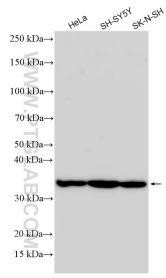
For technical support and original validation data for this product please contact:

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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



Various lysates were subjected to SDS PAGE followed by western blot with 21513-1-AP (HAND2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.