

For Research Use Only

HAND2 Polyclonal antibody, PBS Only

Catalog Number: 21513-1-PBS



Basic Information

Catalog Number:

21513-1-PBS

Size:

100ug, Concentration: 1 mg/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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS only, pH7.3

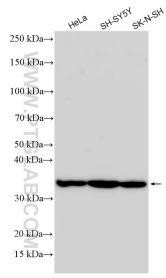
For technical support and original validation data for this product please contact:

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

E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 21513-1-PBS in a different storage buffer formulation.