

For Research Use Only

HEM1; NCKAP1L Polyclonal antibody

Catalog Number: 10454-1-AP

1 Publications



Basic Information

Catalog Number:

10454-1-AP

Size:

150ul, Concentration: 247 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0706

GenBank Accession Number:

BC001604

GeneID (NCBI):

3071

UNIPROT ID:

P55160

Full Name:

NCK-associated protein 1-like

Calculated MW:

128 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human

Background Information

Membrane-associated protein HEM1 encoded by human NCKAP1L (Nck-associated protein 1-like) gene belongs to the HEM family of tissue-specific transmembrane proteins which are highly conserved from invertebrates through mammals. HEM1 is characterized as hematopoietic cell-specific actin regulatory protein. HEM1 is a component of the "WAVE" complex, which signals downstream of activated Rac to stimulate F-actin polymerization in response to immuno-receptor signaling. Therefore, HEM1 may be essential for most active processes dependent on reorganization of the actin cytoskeleton in immune cells.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-----------|-----------|---------|-------------|
| Xuan Wang | 38844271 | Gene | WB,IHC |

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)

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

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