

For Research Use Only

# HEM1; NCKAP1L Polyclonal antibody



Catalog Number: 10454-1-AP

## Basic Information

<b>Catalog Number:</b> 10454-1-AP	<b>GenBank Accession Number:</b> BC001604	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 247 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3071	
<b>Source:</b> Rabbit	<b>Full Name:</b> NCK-associated protein 1-like	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 128 kDa	
<b>Immunogen Catalog Number:</b> AG0706		

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human, mouse, rat

## 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.

## 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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## Selected Validation Data