

## Goat anti-HEM1 Antibody

<b>Item Number</b>	dAP-1596
<b>Target Molecule</b>	Principle Name: HEM1; Official Symbol: NCKAP1L; All Names and Symbols: NCKAP1L; NCK-associated protein 1-like; HEM1; hematopoietic protein 1; membrane-associated protein hem-1; Accession Number (s): NP_005328.2; Human Gene ID(s): 3071; Non-Human GeneID(s): 105855 (mouse) 315348 (rat)
<b>Immunogen</b>	RHTENVTKTKTPE, is from internal region
<b>Applications</b>	Pep ELISA  Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave an approx. 50kDa band in Human Tonsil and Thymus lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated
<b>IHC</b>	
<b>Reference</b>	Reference(s): Weiner OD, Rentel MC, Ott A, Brown GE, Jedrychowski M, Yaffe MB, Gygi SP, Cantley LC, Bourne HR, Kirschner MW. Hem-1 complexes are essential for Rac activation, actin polymerization, and myosin regulation during neutrophil chemotaxis. PLoS Biol. 2006 Feb;4(2):e38. Epub 2006 Jan 24..PMID:

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**