

Goat anti-Hornerin Antibody

Item Number	dAP-1294
Target Molecule	Principle Name: Hornerin; Official Symbol: HRNR ; All Names and Symbols: HRNR; hornerin; S100A16; S100a18; intermediate filament-associated protein; Accession Number (s): NP_001009931.1; Human Gene ID(s): 388697; Non-Human GeneID(s):
Immunogen	QYATQHGEYDTLNK, is from internal region
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Preliminary experiments gave an approx 50kDa band in Human Skin lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 282kDa
IHC	

Reference	Reference(s): Wang L, Wang YY, Cao Q, Chen Z, Chen SJ. Hornerin gene was involved in a case of acute myeloid leukemia transformed from myelodysplastic syndrome with t(1;2)(q21;q37). Leukemia. 2006 Dec;20(12):2184-7. Epub 2006 Oct 19. No abstract available..PMID: 17051244 ->
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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**