

Goat anti-Acrosin heavy chain Antibody

Item Number	dAP-3190
Target Molecule	Principle Name: Acrosin heavy chain; Official Symbol: ACR; All Names and Symbols: ACR; acrosin; acrosin light and heavy chain prepropeptide; preproacrosin; proacrosin; Accession Number (s): NP_001088.2; Human Gene ID(s): 49; Non-Human GeneID(s):
Immunogen	HEKYNSATEGND, 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 2000.
Western Blot	Western Blot: Preliminary experiments in Human Testis lysates gave no specific signal but low background (at antibody concentration up to 2µg/ml).
IHC	

Reference	Reference(s): García L, Veiga MF, Lustig L, Vazquez-Levin MH, Veaute C. DNA immunization against proacrosin impairs fertility in male mice. American journal of reproductive immunology (New York, N.Y. : 1989) 2012 Jul 68 (1): 56-67..PMID: 22452365->
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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**