

Goat anti-XAGE1 (Isoforms 1a, 1b and 1c) Antibody

Item Number	dAP-0511
Target Molecule	Principle Name: XAGE1 (Isoforms 1a, 1b and 1c); Official Symbol: GAGED2; All Names and Symbols: GAGED2; XAGE1; XAGE-1; G antigen, family D, 2; XAGE-1 protein; Accession Number (s): NP_065144; CAC38108; NP_597674; ; Human Gene ID(s): 9503; Non-Human GeneID(s):
Immunogen	CPEAGEEQPV, is from C Terminus This antibody is expected to recognise the isoforms represented by NP_065144; CAC38108; NP_597674.
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 and in lysates of different Human epithelial cell lines gave no specific signal but low background (at antibody concentration up to 1µg/ml).
IHC	
Reference	Reference(s): Liu XF, Helman LJ, Yeung C, Bera TK, Lee B, Pastan I. XAGE-1, a new gene that is frequently expressed in Ewing's sarcoma. Cancer Res. 2000 Sep 1;60(17):4752-5. PMID: 10987281 ->

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**