

## Goat anti-XAGE1 (Isoform 1d) / GAGED2 Antibody

<b>Item Number</b>	dAP-0579
<b>Target Molecule</b>	Principle Name: XAGE1 (Isoform 1d) / GAGED2; Official Symbol: GAGED2; All Names and Symbols: GAGED2; XAGE1; XAGE-1; G antigen, family D, 2; XAGE-1 protein; Accession Number (s): NP_597673.1; Human Gene ID(s): 9503; Non-Human GeneID(s):
<b>Immunogen</b>	CGFGFRRQGEDNT, is from C Terminus This antibody is expected to recognise isoform d (NP_597673.1) only. Reported variants represent identical protein (NP_597673.1; NP_001091067.1; NP_001091074.1; NP_001091062.1; NP_001091065.1).
<b>Applications</b>	Pep ELISA, IHC  Species Tested: Human
<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 8000.
<b>Western Blot</b>	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as small as the predicted size of approx. 8.0kDa according to NP_597673. Therefore we cannot recommend an optimal concentration and the produ
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human testis shows polar cytoplasm staining in primary spermatocytes. Recommended concentration, 3-6µg/ml.
<b>Reference</b>	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**