

## Goat anti-HE4 (rat) Antibody

<b>Item Number</b>	dAP-3242
<b>Target Molecule</b>	Principle Name: HE4 (rat); Official Symbol: Wfdc2; All Names and Symbols: Wfdc2; Re4; Accession Number (s): NP_775132.1; Human Gene ID(s) ; Non-Human GeneID(s): 286888 (rat)
<b>Immunogen</b>	RTSPLSRGQVSTKPP, 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 128000.
<b>Western Blot</b>	Western Blot: Preliminary experiments in Rat Colon, Heart, Kidney and Uterus lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been re
<b>IHC</b>	

<b>Reference</b>	Reference(s): Gao L, Cheng HY, Dong L, Ye X, Liu YN, Chang XH, Cheng YX, Chen J, Ma RQ, Cui H. The role of HE4 in ovarian cancer: inhibiting tumour cell proliferation and metastasis. The Journal of international medical research 2011 39 (5): 1645-60..PMID: 22117965->
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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**