



## Goat anti-AGR2 Antibody

<b>Item Number</b>	dAP-0968
<b>Target Molecule</b>	Principle Name: AGR2; Official Symbol: AGR2; All Names and Symbols: AGR2; anterior gradient 2 homolog (Xenopus laevis) ; AG2; GOB-4; HAG-2; XAG-2 ; anterior gradient 2 homolog; anterior gradient 2 homolog (Xenopus laevis); secreted cement gland homolog; Accession Number (s): NP_006399.1; Human Gene ID(s): 10551; Non-Human GeneID(s): 23795 (mouse)
<b>Immunogen</b>	GAKKDTKDSRPK, is from internal region
<b>Applications</b>	Pep ELISA, WB 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 16000.
<b>Western Blot</b>	Western Blot: Approx 18kDa band observed in Human Colon, Duodenum and Lung lysates (calculated MW of 20.0kDa according to NP_006399.1). Recommended concentration: 0.01-0.03µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Innes HE, Liu D, Barraclough R, Davies MP, O'Neill PA, Platt-Higgins A, de Silva Rudland S, Sibson DR, Rudland PS. Significance of the metastasis-inducing protein AGR2 for outcome in hormonally treated breast cancer patients. Br J Cancer. 2006 Apr 10;94(7):1057-65. .PMID: 16598187 ->

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**