

## Goat anti-EPS8 Antibody

Item Number	dAP-0417
Target Molecule	Principle Name: EPS8; Official Symbol: EPS8; All Names and Symbols: EPS8; epidermal growth factor receptor pathway substrate 8; Accession Number (s): NP_004438.3; Human Gene ID(s): 2059; Non-Human GeneID(s): 13860 (mouse)
Immunogen	SGVESFDEGSSH, is from C Terminus
Applications	Pep ELISA, IHC 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 8000.
Western Blot	Western Blot: Preliminary experiments gave no signal but low background in A431 and HeLa lysates at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?
IHC	Immunohistochemistry: In paraffin embedded Human Breast Carcinoma shows staining of cancer cells infiltrated in a breast lobe. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Fazioli F, Minichiello L, Matoska V, Castagnino P, Miki T, Wong WT, Di Fiore PP. Eps8, a substrate for the epidermal growth factor receptor kinase, enhances EGF-dependent mitogenic signals. EMBO J. 1993 Oct;12(10):3799-808.. PMID: 8404850 ->

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 end users! This product is sold for **Research Use Only**