

## Goat anti-TROP2 Antibody

<b>Item Number</b>	dAP-1615
<b>Target Molecule</b>	Principle Name: TROP2; Official Symbol: TACSTD2; All Names and Symbols: TROP2; TACSTD2; tumor-associated calcium signal transducer 2; EGP-1; GA733; GA733-1; M1S1; epithelial glycoprotein-1; membrane component, chromosome 1, surface marker 1 (40kD glycoprotein, identified by monoclonal antibody GA733); Accession Number (s): NP_002344.2; Human Gene ID(s): 4070; Non-Human GeneID(s): 56753 (mouse)
<b>Immunogen</b>	HYEQPTIQIELRQN , is from internal region
<b>Applications</b>	Pep ELISA, WB, 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 4000.
<b>Western Blot</b>	Western Blot: Approx. 37kDa band observed in Human Prostate lysates (calculated MW of 35.7kDa according to NP_002344.2). Recommended concentration: 0.2-0.5µg/ml. Primary incubation was 1 hour.
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Tonsil. Recommended concentration: 2.5µg/ml.
<b>Reference</b>	Reference(s): Shimada A, Kano J, Ishiyama T, Okubo C, Iijima T, Morishita Y, Minami Y, Inadome Y, Shu Y, Sugita S, Takeuchi T, Noguchi M. Establishment of an immortalized cell line from a precancerous lesion of lung adenocarcinoma, and genes highly expressed in the early stages of lung adenocarcinoma develop-

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**