

## Goat anti-DOK5 Antibody

<b>Item Number</b>	dAP-0549
<b>Target Molecule</b>	Principle Name: DOK5; Official Symbol: DOK5; All Names and Symbols: DOK5; MGC16926; C20orf180; docking protein 5; downstream of tyrosine kinase 5; chromosome 20 open reading frame 180; Accession Number (s): NP_060901.2; Human Gene ID(s): 55816; Non-Human GenelD(s): 76829 (mouse)
<b>Immunogen</b>	CLHRTEFPAYRSEH, is from C Terminus
<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 16000.
<b>Western Blot</b>	Western Blot: In transfected HEK293 transiently expressing DOK5 a band of approx. 38kDa is observed. This band is not observed in the non-transfected HEK293. The calculated molecular size is 35.5kDa according to NP_060901.2. Recommended concentration, 1-
<b>IHC</b>	Immunohistochemistry: In paraffin embedded tonsil, stains scattered cells in the interfollicular area compatible with mast cells. Recommended concentration, 1-2µg/ml.

**Reference** Reference(s): Cai D, Dhe-Paganon S, Melendez PA, Lee J, Shoelson SE. Two new substrates in insulin signaling, IRS5/DOK4 and IRS6/DOK5. *J Biol Chem.* 2003 Jul 11;278(28):25323-30. Epub 2003 May 01. PMID: 12730241 ->

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**