

## Goat anti-STEAP4 / Dudulin4 Antibody

<b>Item Number</b>	dAP-1158
<b>Target Molecule</b>	Principle Name: STEAP4 / Dudulin4; Official Symbol: STEAP4; All Names and Symbols: STEAP family member 4; DKFZp666D049 ; FLJ23153 ; STAMP2 ; TIARP ; TNFAIP9; six transmembrane prostate protein 2 ; tumor necrosis factor, alpha-induced protein 9 ; tumor necrosis-alpha-induced adipose-related protein; Accession Number (s): NP_078912.2; Human Gene ID(s): 79689; Non-Human GeneID(s): 117167 (mouse)
<b>Immunogen</b>	CVDNTLTRIRQGWERN, is from C Terminus
<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 4000.
<b>Western Blot</b>	Western Blot: Approx. 50-55kDa band observed in Human Adipose lysates (calculated MW of 52.0kDa according to NP_078912.2). In transfected HEK293 transiently expressing Human Dudulin4 a band of approx. 52kDa is observed. This band is not observed in the n
<b>IHC</b>	
<b>Reference</b>	Reference(s): Wellen KE, Fucho R, Gregor MF, Furuhashi M, Morgan C, Lindstad T, Vaillancourt E, Gorgun CZ, Saatcioglu F, Hotamisligil GS. Coordinated regulation of nutrient and inflammatory responses by STAMP2 is essential for metabolic homeostasis. . 2007 May 4;129(3):537-48..PMID: 17482547 ->

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**