

Goat anti-TFAP2D (aa70-82) Antibody

Item Number	dAP-2022
Target Molecule	Principle Name: TFAP2D (aa70-82); Official Symbol: TFAP2D; All Names and Symbols: TFAP2D; transcription factor AP-2 delta (activating enhancer binding protein 2 delta); TFAP2BL1; AP-2 like; OT-THUMP00000016593; activating enhancer binding protein 2 beta-like 1; transcription factor AP-2 beta (activating enhancer binding protein 2 beta)-; Accession Number (s): NP_758438.2; Human Gene ID(s): 83741; Non-Human GeneID(s): 226896 (mouse)
Immunogen	HHQSFHYEFQHSH, is from internal region
Applications	Pep ELISA 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 2000.
Western Blot	Western Blot: Preliminary experiments in Human Ileum and Skeletal Muscle lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been report
IHC	
Reference	Reference(s): Wenke AK, Rothhammer T, Moser M, Bosserhoff AK Regulation of integrin alpha10 expression in chondrocytes by the transcription factors AP-2epsilon and Ets-1 Biochem Biophys Res Commun. 2006 Jun 23;345(1):495-501. Epub 2006 May 2.PMID: 16684505->

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**