

Goat anti-FBXO4 Antibody

Item Number	dAP-2052
Target Molecule	Principle Name: FBXO4; Official Symbol: FBXO4; All Names and Symbols: FBXO4; F-box protein 4; DKFZp547N213; FBX4; FLJ10141; F-box only protein 4; F-box protein Fbx4; Accession Number (s): NP_036308.1; NP_277019.1; Human Gene ID(s): 26272; Non-Human GenelD(s): 106052 (mouse) 310363 (rat)
Immunogen	EHTSAVNKMFSRH, is from internal region This antibody is expected to recognize isoform 1 and 2 (NP_036308.1; NP_277019.1).
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 8000.
Western Blot	Western Blot: Preliminary experiments gave an approx 48kDa band in Human Heart lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 44.1kDa
IHC	
Reference	Reference(s): Barbash O, Zamfirova P, Lin DI, Chen X, Yang K, Nakagawa H, Lu F, Rustgi AK, Diehl JA, Mutations in Fbx4 inhibit dimerization of the SCF(Fbx4) ligase and contribute to cyclin D1 overexpression in human cancer. <i>Cancer cell</i> 2008 Jul 14 (1): 68-78.. PMID: 18598945->

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**