

Goat anti-AP-2 gamma Antibody

Item Number	dAP-0627
Target Molecule	Principle Name: AP-2 gamma; Official Symbol: TFAP2C; All Names and Symbols: TFAP2C; ERF1; TFAP2G; hAP-2g; AP2-GAMMA; transcription factor AP-2 gamma (activating enhancer binding protein 2 gamma); estrogen receptor factor 1; transcription factor AP-2 gamma (activating enhancer-binding protein 2 gamma); Accession Number (s): NP_003213.1; Human Gene ID(s): 7022; Non-Human GenelD(s):
Immunogen	NKTLEKMEKHRK, is from C Terminus
Applications	Pep ELISA, IHC Species Tested: Human
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 128000.
Western Blot	Western Blot: WB experiments gave bands at approx 75kDa and 22kDa in Human Placenta and Ovary lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculation.
IHC	Immunohistochemistry: In paraffin embedded Human Skin shows nuclear staining of keratinocytes. Recommended concentration, 2-3µg/ml.
Reference	Reference(s): Hoei-Hansen CE, Rajpert-De Meyts E, Carlsen E, Almstrup K, Leffers H, Skakkebaek NE. Fast-track Article: A subfertile patient diagnosed with testicular carcinoma in situ by immunocytological staining for AP-2{gamma} in semen samples: Case report. Hum Reprod. 2005 Jan 13; [Epub ahead of print].

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**