

## Goat anti-AP-2 gamma Antibody

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| <b>Item Number</b>     | dAP-0627   |
| <b>Target Molecule</b> | 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 GeneID(s): |
| <b>Immunogen</b>       | NKTLEKMEKHRK, is from C Terminus   |
| <b>Applications</b>    | Pep ELISA, IHC<br>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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.   |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 128000.  |
| <b>Western Blot</b>    | 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 calculat   |
| <b>IHC</b>             | Immunohistochemistry: In paraffin embedded Human Skin shows nuclear staining of keratinocytes. Recommended concentration, 2-3µg/ml.  |
| <b>Reference</b>       | 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   |

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**