

Goat anti-Transcription factor E2F4 Antibody

Item Number	dAP-2973
Target Molecule	Principle Name: Transcription factor E2F4; Official Symbol: E2F4; All Names and Symbols: E2F4; E2F transcription factor 4, p107/p130-binding; E2F-4; p107/p130-binding protein; transcription factor E2F4; Accession Number (s): NP_001941.2; Human Gene ID(s): 1874; Non-Human GeneID(s): 104394 (mouse) 100360427 (rat)
Immunogen	PKELSEIFDPTR, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Pig
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: Approx 50kDa band observed in lysates of cell lines A431 and HeLa (calculated MW of 44.0kDa according to NP_001941.2). Recommended concentration: 0.1-0.3µg/ml. Approx 40+50kDa bands observed in Pig Brain and Heart lysates (calculated MW of
IHC	
Reference	Reference(s): Beshiri ML, Holmes KB, Richter WF, Hess S, Islam AB, Yan Q, Plante L, Litovchick L, Gévr N, Lopez-Bigas N, Kaelin WG, Benevolenskaya EV. Coordinated repression of cell cycle genes by KDM5A and E2F4 during differentiation. <i>Proceedings of the National Academy of Sciences of the United States of</i>

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**