

Goat anti-ERG Antibody

Item Number	dAP-0774
Target Molecule	Principle Name: ERG; Official Symbol: ERG; All Names and Symbols: ERG; v-ets erythroblastosis virus E26 oncogene like (avian); HGNC:3446; erg-3; p55; transcriptional regulator ERG (transforming protein ERG); v-ets avian erythroblastosis virus E26 oncogene related; v-ets erythroblastosis virus E26 oncogene like; v-ets er; Accession Number (s): NP_891548.1; NP_004440.1; NP_001129626.1; NP_001129627.1; NP_001230358.1; Human Gene ID(s): 2078; Non-Human GeneID(s): 13876 (mouse) 170909 (rat)
Immunogen	PNTRLPTSHMP SH, is from C Terminus This antibody is expected to recognise all reported isoforms (NP_891548.1; NP_004440.1; NP_001129626.1; NP_001129627.1; NP_001230358.1)
Applications	Pep ELISA, WB 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 16000.
Western Blot	Western Blot: Approx 55kDa band observed in lysates of cell line MOLT4 (calculated MW of 53.8kDa according to NP_891548.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): Tomlins SA, Rhodes DR, Perner S, Dhanasekaran SM, Mehra R, Sun XW, Varambally S, Cao X, Tchinda J, Kuefer R, Lee C, Montie JE, Shah RB, Pienta KJ, Rubin MA, Chinnaiyan AM. Recurrent fusion of TMPRSS2 and ETS transcription factor genes in prostate cancer. Science. 2005 Oct 28;310

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**