

Goat anti-ESRRG Antibody

Item Number	dAP-1372
Target Molecule	Principle Name: ESRRG; Official Symbol: ESRRG; All Names and Symbols: ESRRG; DKFZp781L1617; Estrogen-related receptor gamma; ERR3; FLJ16023; KIAA0832; NR3B3; Accession Number (s): NP_001429.2; NP_996317.1; NP_996318.1; Human Gene ID(s): 2104; Non-Human GeneID(s): 26381 (mouse)
Immunogen	CRMSNKDRHIDS, is from internal region This antibody is expected to recognise the reported isoform NP_001429.2.
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. 50kDa band observed in Human Brain (Cerebellum) and Breast lysates (calculated MW of 51.3kDa according to NP_NP_001429.2). In transfected HEK293 transiently expressing ESRRG a band of approx. 52kDa is observed. This band is not observed.
IHC	
Reference	Reference(s): Dufour CR, Wilson BJ, Huss JM, Kelly DP, Alaynick WA, Downes M, Evans RM, Blanchette M, Giguere V. Genome-wide orchestration of cardiac functions by the orphan nuclear receptors ERRalpha and gamma. Metab. 2007 May;5(5):345-56..PMID: 17488637 ->

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**