



ESRRG Antibody

CATALOG NUMBER: 46-655



Western blot analysis of ESRRG in human breast lysate (35 ug protein in RIPA buffer) using ESRRG Antibody at 0.2 ug/mL.

HEK293 overexpressing ESRRG and probed with ESRRG antibody (mock transfection in first lane).

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:16,000. Western Blot: Approximately 50 kDa band observed in human cerebellum and breast lysates (calculated MW of 51.3 kDa according to NP_NP_001429.2). In transfected HEK293 transiently expressing ESRRG a band of approximately 52 kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.2-0.6 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1311 - Human Breast Tissue Lysate
SPECIFICITY:	This antibody is expected to recognize the reported isoform NP_001429.2.
IMMUNOGEN:	ESRRG antibody was raised against a 12 amino acid synthetic peptide near the internal region of ESRRG.
HOST SPECIES:	Goat

Properties

PURIFICATION:	ESRRG antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	ESRRG antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	Estrogen-related receptor gamma, DKFZp781L1617, ERR3, FLJ16023, KIAA0832, NR3B3, ERRG2
ACCESSION NO.:	NP_001429.2, NP_996317.1, NP_996318.1
PROTEIN GI NO.:	45545433
OFFICIAL SYMBOL:	ESRRG

GENE ID: 2104

Background

REFERENCES: 1) 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.

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