

Rabbit ESRRG Polyclonal Antibody | anti-ESRRG antibody

ESRRG Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328846	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	Western Blot

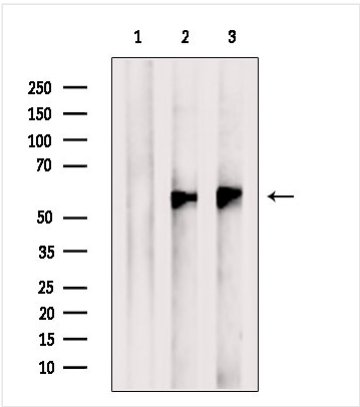
PRODUCT SYNONYMS

ESRRG; Polyclonal Antibody; ESRRG Antibody; DKFZp781L1617; ERR 3; ERR G2; ERR gamma 2; ERR gamma-2; ERR3; ERR3_HUMAN; ERG 2; ERG2; ERGgamma; Estrogen receptor related protein 3; Estrogen receptor-related protein 3; Estrogen-related receptor gamma; FLJ16023; KIAA0832; NR3B3; Nuclear receptor subfamily 3 group B member 3; anti-ESRRG antibody

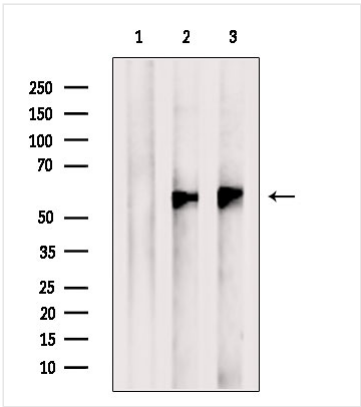
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	ESRRG Antibody detects endogenous levels of ESRRG.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	435
Applicable Applications for anti-ESRRG antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human ESRRG.
Tissue Specificity	Expressed in the heart, kidney, brain, lung, bone marrow, adrenal gland, trachea, spinal cord and thyroid gland.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from various samples, using ESRRG Antibody. Lane 1: 293, treated with blocking peptide; Lane 2: 293; Lane 3: Hela cells.



WB (Western Blot)
Western blot analysis of extracts from Human kidney tissue, using ESRRG Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ESRRG antibody	Description: Orphan receptor that acts as transcription activator in the absence of bound ligand. Binds specifically to an estrogen response element and activates reporter genes controlled by estrogen response elements (By similarity). Induces the expression of PERM1 in the skeletal muscle.
	Post Translational Modifications: Acetylated by PCAF/KAT2 (in vitro). Sumoylation on Lys-40 is enhanced by phosphorylation at Ser-45 and represses transcriptional activity. Phosphorylation on Ser-45 enhances sumoylation on Lys-40 thus repressing transcriptional activity.
	Subunit Structure: Homodimer. Binds TLE1, PNRC1 and PNRC2. Binds GRIP1 (By similarity). Interacts with NRIP1, NCOA1 and NCOR2.
	Similarity: Belongs to the nuclear hormone receptor family. NR3 subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226000901
NCBI GeneID	2104
UniProt Accession #	P62508
Molecular Weight	Observed: 51 kDa Predicted: 52 kDa
NCBI Official Full Name	bisphenol A receptor ERRgamma2
NCBI Official Synonym Full Names	estrogen related receptor gamma
NCBI Official Symbol	ESRRG
NCBI Official Synonym Symbols	ERR3; ERRg; NR3B3; ERRgamma; ERR-gamma
NCBI Protein Information	estrogen-related receptor gamma
UniProt Protein Name	Estrogen-related receptor gamma
UniProt Gene Name	ESRRG
UniProt Synonym Gene Names	ERR3; ERRG2; KIAA0832; NR3B3
UniProt Entry Name	ERR3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/esrrg-antibody-western-blot-elisa/328846>