

Rabbit ESRRB / ERR Beta Polyclonal Antibody | anti-ESRRB antibody

Rabbit Polyclonal to Human ESRRB / ERR Beta

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52220	Rabbit	Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Pig, Rabbit Predicted Reactivity: Mouse, Rat, Chicken (at least 90% immunogen sequence identity)	Immunohistochemistry

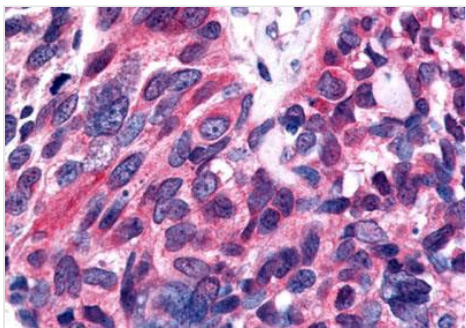
PRODUCT SYNONYMS

ESRRB / ERR Beta; Polyclonal Antibody; Rabbit Polyclonal to Human ESRRB / ERR Beta; Anti-ESRRB / ERR Beta Antibody (Ligand-binding Domain) IHC-plus; ESRRB; DFNB35; ERRb; ERRbeta-2; ESRL2; Estrogen receptor-like 2; ERR-beta; ERRB2; ERRbeta; NR3B2; Nuclear receptor ERRB2; Orphan nuclear receptor; ERR beta-2; ERR2; Estrogen-related receptor 2; Estrogen-related receptor beta; Steroid hormone receptor ERR2; Human ESRRB; ERR Beta; anti-ESRRB antibody

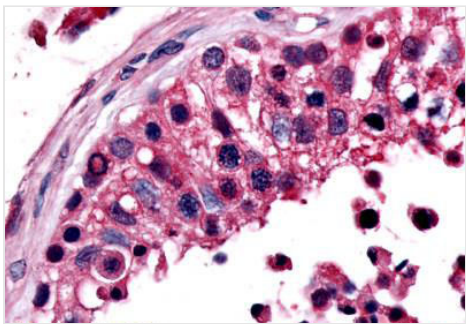
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Pig, Rabbit Predicted Reactivity: Mouse, Rat, Chicken (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ESRRB. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except ESRRG (67%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	508
Applicable Applications for anti-ESRRB antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from ligand-binding domain of human ESRRB. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Hamster, Panda, Dog, Bovine, Horse, Rabbit, Pig, Opossum (100%); Mouse, Rat.
Immunogen Type	Synthetic peptide
Immunogen	ESRRB / ERR Beta antibody was raised against synthetic 15 amino acid peptide from ligand-binding domain of human ESRRB. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Hamster, Panda, Dog, Bovine, Horse, Rabbit, Pig, Opossum (100%); Mouse, Rat, Elephant, Turkey, Chicken, Lizard (93%); Bat (87%); Stickleback, Medaka, Pufferfish, Zebrafish (80%).
Antigen Modification	Ligand-binding Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-ESRRB / ERR Beta antibody IHC of human Lung, Small Cell Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-ESRRB antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-ESRRB antibody	Estrogen-related receptor beta (ERR beta) a NR3 Steroid Receptor, has been shown to affect early placental development. ERR beta also can act as a repressor of transcriptional activity mediated by the glucocorticoid receptor (GR). ERR beta binds as a monomer to the extended half-site TNAAGTGCA and as a homodimer to the estrogen response element (ERE), palindromic thyroid hormone response element (TRE(pal)), and SF-1 response element, but not to the glucocorticoid response element (GRE).
Product Categories/Family for anti-ESRRB antibody	Family: NHR ; Subfamily: NR3 Steroid receptor

NCBI AND UNIPROT INFORMATION

NCBI GI #	238550159
NCBI GeneID	2103
NCBI Accession #	NP_004443.3
NCBI GenBank Nucleotide #	NM_004452.3
UniProt Accession #	O95718 ; Q5F0P7 ; Q5F0P8 ; Q9HCB4 ; A2VDJ2 ; B6ZGU4
Molecular Weight	48,054 Da
NCBI Official Full Name	steroid hormone receptor ERR2
NCBI Official Synonym Full Names	estrogen-related receptor beta
NCBI Official Symbol	ESRRB
NCBI Official Synonym Symbols	ERR2; ERRb; ESRL2; NR3B2; DFNB35
NCBI Protein Information	steroid hormone receptor ERR2; ERR-beta; ERRbeta-2; ERR beta-2; nuclear receptor ERRB2; orphan nuclear receptor; estrogen receptor-like 2; estrogen-related nuclear receptor beta; nuclear receptor subfamily 3 group B member 2
UniProt Protein Name	Steroid hormone receptor ERR2
UniProt Gene Name	ESRRB
UniProt Synonym Gene Names	ERRB2; ESRL2; NR3B2; ERR-beta
UniProt Entry Name	ERR2_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.

