

Rabbit ESRRA / ERR Alpha Polyclonal Antibody | anti-ESRRA antibody

Rabbit Polyclonal to Human ESRRA / ERR Alpha

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52038	Rabbit	Bat, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat Predicted Reactivity: Gibbon (at least 90% immunogen sequence identity)	Immunohistochemistry

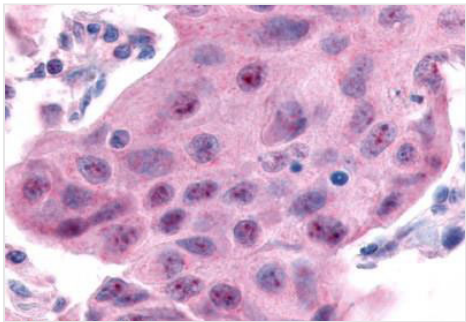
PRODUCT SYNONYMS

ESRRA / ERR Alpha; Polyclonal Antibody; Rabbit Polyclonal to Human ESRRA / ERR Alpha; Anti-ESRRA / ERR Alpha Antibody (Internal) IHC-plus; ESRRA; ERRa; ERR1; HERR1; NR3B1; Steroid hormone receptor ERR1; ERR-alpha; ERRalpha; ESRL1; Estrogen receptor-like 1; Human ESRRA; ERR Alpha; anti-ESRRA antibody

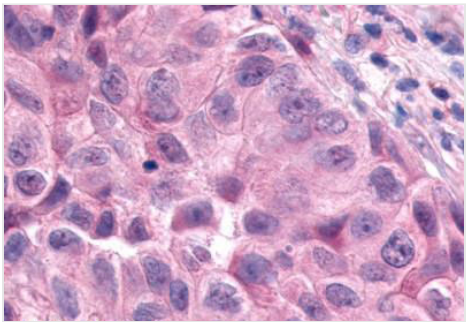
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat Predicted Reactivity: Gibbon (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ESRRA. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	423
Applicable Applications for anti-ESRRA antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from internal region of human ESRRA. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Bat, Dog, Horse, Pig (100%); Gibbon (93%).
Immunogen Type	Synthetic peptide
Immunogen	ESRRA / ERR Alpha antibody was raised against synthetic 15 amino acid peptide from internal region of human ESRRA. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Bat, Dog, Horse, Pig (100%); Gibbon (93%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



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



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

ADDITIONAL INFORMATION

Related Product Information for anti-ESRRA antibody	Estrogen-related receptor alpha (ERR alpha), a NR3 Steroid Receptor, was isolated based on sequence similarity in its DNA-binding domain to estrogen receptor alpha (ER alpha). ERR alpha has been shown to regulate the promoters of lactoferrin, medium-chain acyl CoA dehydrogenase, osteopontin, and thyroid receptor alpha, and it may affect cellular energy balance and bone formation.
Product Categories/Family for anti-ESRRA antibody	Family: NHR; Subfamily: NR3 Steroid receptor

NCBI AND UNIPROT INFORMATION

NCBI GI #	18860920
NCBI GeneID	2101
NCBI Accession #	NP_004442.3
NCBI GenBank Nucleotide #	NM_004451.4
UniProt Accession #	P11474; Q14514
Molecular Weight	45,439 Da
NCBI Official Full Name	steroid hormone receptor ERR1 isoform 1
NCBI Official Synonym Full Names	estrogen-related receptor alpha
NCBI Official Symbol	ESRRA
NCBI Official Synonym Symbols	ERR1; ERRa; ESRL1; NR3B1; ERRalpha
NCBI Protein Information	steroid hormone receptor ERR1; ERR-alpha; estrogen receptor-like 1; estrogen-related nuclear receptor alpha; nuclear receptor subfamily 3 group B member 1
UniProt Protein Name	Steroid hormone receptor ERR1
UniProt Gene Name	ESRRA
UniProt Synonym Gene Names	ERR1; ESRL1; NR3B1; ERR-alpha
UniProt Entry Name	ERR1_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.