

Rabbit ESRRR Polyclonal Antibody | anti-ESRRR antibody

ESRRR Antibody (Center)

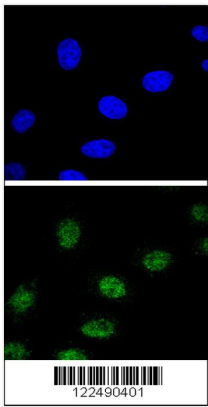
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289083	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

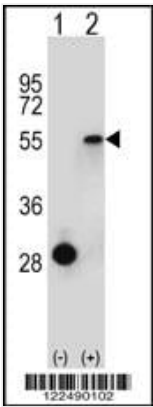
ESRRR; Polyclonal Antibody; ESRRR Antibody (Center); Steroid hormone receptor ERR1; Estrogen receptor-like 1; Estrogen-related receptor alpha; ERR-alpha; Nuclear receptor subfamily 3 group B member 1; ERR1; ESRL1; NR3B1; anti-ESRRR antibody

PRODUCT SPECIFICATIONS

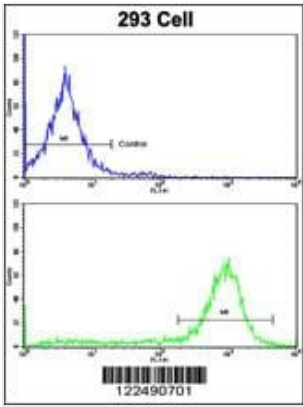
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ESRRR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 131-159 amino acids from the Central region of human ESRRR.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	131-159
Sequence Length	422
Applicable Applications for anti-ESRRR antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



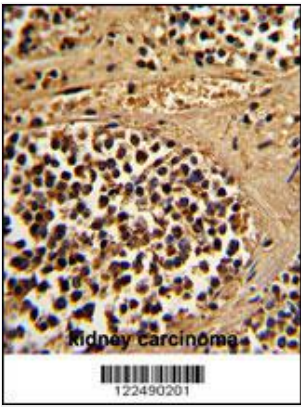
IF (Immunofluorescence)
Confocal immunofluorescent analysis of ESRRRA Antibody (Center) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



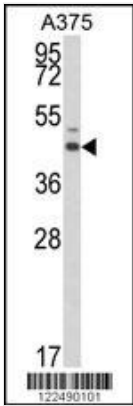
WB (Western Blot)
Western blot analysis of ESRRRA (arrow) using rabbit polyclonal ESRRRA Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ESRRRA gene.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of 293 cells using ESRRRA Antibody (Center) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human kidney carcinoma reacted with ESRRRA Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ESRRRA Antibody (Center) in A375 cell line lysates (35ug/lane). ESRRRA (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ESRRA antibody	ESRRA is a nuclear receptor that is closely related to the estrogen receptor. This protein acts as a site-specific transcription regulator and has been also shown to interact with estrogen and the transcripton factor TFIIB by direct protein-protein contact. The binding and regulatory activities of this protein have been demonstrated in the regulation of a variety of genes including lactoferrin, osteopontin, medium-chain acyl coenzyme A dehydrogenase (MCAD) and thyroid hormone receptor genes.
Product Categories/Family for anti-ESRRA antibody	Cancer; Metabolism; Signal Transduction
References	Yang,N., et.al., J. Biol. Chem. 271 (10), 5795-5804 (1996) Wiley,S.R., et.al., Genes Dev. 7 (11), 2206-2219 (1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	540344536
NCBI GeneID	2101
NCBI Accession #	NP_001269379.1; NP_001269380.1; NP_004442.3
NCBI GenBank Nucleotide #	NM_001282450.1
UniProt Accession #	P11474; Q14514
Molecular Weight	45510
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
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/esrra-antibody-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/289083>