

anti-Human, Mouse Estrogen Receptor-alpha Antibody | anti-ESTRA antibody

Estrogen Receptor-alpha (Phospho-Tyr537) Antibody

CATALOG # AAA109161	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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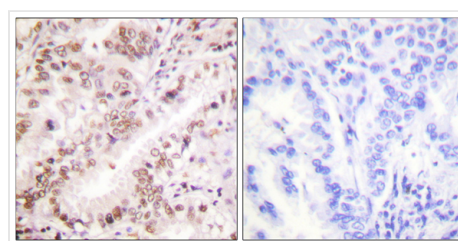
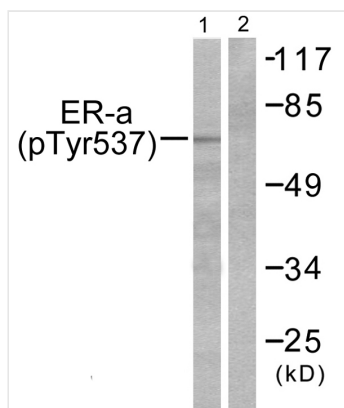
PRODUCT SYNONYMS

Estrogen Receptor-alpha; Estrogen Receptor-alpha (Phospho-Tyr537) Antibody; ER; ESR; ESR1; ESTR; Estradiol receptor; Estrogen receptor; NR3A1; anti-ESTRA antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	Estrogen Receptor-alpha (Phospho-Tyr537) antibody detects endogenous levels of ER-alpha only when phosphorylated at tyrosine 537.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	595
Applicable Applications for anti-ESTRA antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human ER-alpha around the phosphorylation site of tyrosine 537 (P-L-YP-D-L).
All Sites	Human: Tyr537 Mouse: Tyr451
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using Estrogen Receptor-alpha (Phospho-Tyr537) antibody. Western blot analysis of extracts from 293 cells, using Estrogen Receptor-alpha (Phospho-Tyr537) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ESTRA antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Sehime Temel, Endocrinology, Oct 2002; 143: 3974. Xin-Tian Zhang, AACR Meeting Abstracts, Apr 2005; 2005: 302. Suwit J. Somponpun, Am J Physiol Regulatory Integrative Comp Physiol, Sep 2004; 287: R661-R669. Marcello Maggolini, Cancer Res., Oct 1999; 59: 4864-4869.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62821794
NCBI GeneID	2099
NCBI Accession #	NP_000116.2
NCBI GenBank Nucleotide #	NM_000125.3
UniProt Accession #	P03372; Q13511; Q14276; Q5T5H7; Q6MZQ9; Q9NU51; Q9UDZ7; Q9UIS7
Molecular Weight	35,547 Da
NCBI Official Full Name	estrogen receptor isoform 1
NCBI Official Synonym Full Names	estrogen receptor 1
NCBI Official Symbol	ESR1
NCBI Official Synonym Symbols	ER; ESR; Era; ESRA; ESTRR; NR3A1
NCBI Protein Information	estrogen receptor
UniProt Protein Name	Estrogen receptor
UniProt Gene Name	ESR1
UniProt Synonym Gene Names	ESR; NR3A1; ER

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/estra-human-mouse-antibody/estrogen-receptor-alpha/109161>