

Rabbit anti-Human ER (pS305) (phosphospecific) Antibody | anti-ER (pS305) (phosphospecific) antibody

Rabbit anti ER (pSer 305), Phosphospecific

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71382	Rabbit	Human	Western Blot, ELISA

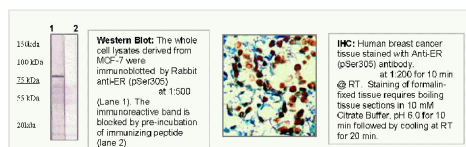
PRODUCT SYNONYMS

ER (pS305) (phosphospecific); Rabbit anti ER (pSer 305); Phosphospecific; Rabbit anti-ER (pSer305) (Phosphospecific); Estrogen Receptor; anti-ER (pS305) (phosphospecific) antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Specificity	This antibody recognizes ~67 kDa of human estrogen receptor at the phosphorylation site of Ser 305. It does not cross react to non-phosphorylated peptide. This antibody reacts with human. The other species are not tested.
Purity/Purification	The Rabbit IgG is purified by Site-specific Epitope Affinity Purification.
Form/Format	This affinity purified antibody is supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer
Applicable Applications for anti-ER (pS305) (phosphospecific) antibody	WB (Western Blot), ELISA
Antigen Preparation	A synthetic peptide surrounding the epitope -KNSLA- with a phosphorylation site of Ser305 of human estrogen receptor.
Positive Control	MCF-7
Cellular Location	Nuclear
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-ER (pS305) (phosphospecific) antibody	ER (estrogen receptor) belongs to a member of the steroid receptor superfamily. It contains highly conserved DNA binding (DBD) and ligand binding domains (LBD). Through its estrogen-independent and estrogen-dependent activation domains (AF-1 and AF-2, respectively), ER regulates transcription by its phosphorylation at multiple sites, such as serine 104, 106, 118, 167 and 305. Phosphorylation of certain serine at ER may relate to breast cancer process and on-going treatment.
References	Duterte M, Smith CL. 2003. Ligand-independent interactions of p160/steroid receptor coactivators and CREB-binding protein (CBP) with estrogen receptor- α : regulation by phosphorylation sites in the A/B region depends on other receptor domains. Mol Endocrinol 17:1296-314.

NCBI AND UNIPROT INFORMATION

Molecular Weight	67 kDa
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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/rabbit-human-antibody/er-ps305-phosphospecific/71382>