

Estrogen Receptor alpha Antibody

Cat. No.:	HY-P80663
Synonyms:	Estrogen Receptor alpha Antibody is a non-conjugated and Rabbit originated monoclonal antibody about 66 kDa, targeting to Estrogen Receptor alpha. It can be used for WB,IHC-F,IHC-P,ICC/IF,IP,ChIP assays with tag free, in the background of Human.
Host:	Rabbit
Reactivity:	Human
Conjugation:	Non-conjugated
SwissProt ID:	P03372
Research Field:	Signal Transduction
Molecular Weight:	Predicted band size: 66 kDa

PROPERTIES

Formulation	Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% Sodium azide	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IHC	1:50-1:100
	IF	1:50-1:200
	IP	1:20
	ChIP	1:20
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	<p>Estrogen Receptor alpha: This gene encodes an estrogen receptor and ligand-activated transcription factor. The canonical protein contains an N-terminal ligand-independent transactivation domain, a central DNA binding domain, a hinge domain, and a C-terminal ligand-dependent transactivation domain. The protein localizes to the nucleus where it may form either a homodimer or a heterodimer with estrogen receptor 2. The protein encoded by this gene regulates the transcription of many estrogen-inducible genes that play a role in growth, metabolism, sexual development, gestation, and other reproductive functions and is expressed in many non-reproductive tissues. The receptor encoded by this gene plays a key role in breast cancer, endometrial cancer, and osteoporosis. This gene is reported to have dozens of transcript variants due to the use of alternate promoters and alternative splicing, however, the full-length nature of many of these variants remain</p>
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uncertain. [provided by RefSeq, Jul 2020]

Caution: Product has not been fully validated for medical applications. For research use only.

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