



Anti-ESR2 (aa 211-240) polyclonal antibody (CABT-B8910)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	This ESR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 211-240 amino acids from the Central region of human ESR2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Conjugate	Unconjugated
Applications	ELISA, WB
Format	Liquid
Size	50 µl, 100 µl, 200 µl
Buffer	PBS with 0.09% (W/V) sodium azide.
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

BACKGROUND

Introduction	Nuclear hormone receptor. Binds estrogens with an affinity similar to that of ESR1, and activates expression of reporter genes containing estrogen response elements (ERE) in an
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estrogen-dependent manner. Isoform beta-cx lacks ligand binding ability and has no or only very low binding activity resulting in the loss of ligand-dependent transactivation ability. DNA-binding by ESR1 and ESR2 is rapidly lost at 37 degrees Celsius in the absence of ligand while in the presence of 17 beta-estradiol and 4-hydroxy-tamoxifen loss in DNA-binding at elevated temperature is more gradual.

GENE INFORMATION

Entrez Gene ID	2100
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UniProt ID	F1D8N3
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