

For Research Use Only

ESR2 Beta 2 Polyclonal antibody

Catalog Number: 55470-1-AP **1 Publications**



Basic Information

Catalog Number: 55470-1-AP	GenBank Accession Number: NM_001437	Purification Method: Antigen affinity purification
Size: N/A	GeneID (NCBI): 2100	
Source: Rabbit	UNIPROT ID: Q92731	
Isotype: IgG	Full Name: estrogen receptor 2 (ER beta)	
	Calculated MW: 56 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
IF

Species Specificity:
human

Cited Species:
human

Background Information

Estrogen receptor-beta (ESR2) is a member of the superfamily of nuclear receptors, which can transduce extracellular signals into transcriptional responses. It binds estrogens with an affinity similar to that of ESR1, and activates expression of reporter genes containing estrogen response elements (ERE) in an estrogen-dependent manner. 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

Notable Publications

Author	Pubmed ID	Journal	Application
Hogyong Kim	28968951	Oncotarget	IF

Storage

Storage:
Store at -20°C.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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Selected Validation Data