

For Research Use Only

# ESR2 Beta 2 Polyclonal antibody

Catalog Number: 55470-1-AP

1 Publications



## Basic Information

Catalog Number:

55470-1-AP

Size:

150ul

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001437

GeneID (NCBI):

2100

UNIPROT ID:

Q92731

Full Name:

estrogen receptor 2 (ER beta)

Calculated MW:

56 kDa

Purification Method:

Antigen affinity purification

## 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
Hogyoung 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

\*\*\* 20ul sizes contain 0.1% BSA

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