ESR2 Antibody

Catalog No: #36447

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

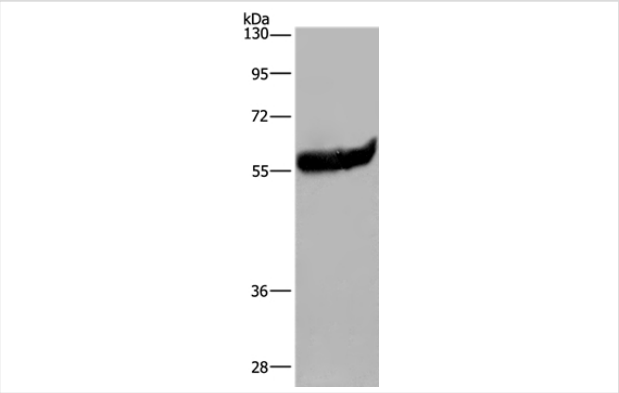
Product Name	ESR2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total ESR2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human estrogen receptor 2 (ER beta)
Target Name	ESR2
Other Names	Erb; ESRB; ESTRB; NR3A2; ER-BETA; ESR-BETA
Accession No.	Swiss-Prot#: Q92731NCBI Gene ID: 2100Gene Accssion: BC024181
Uniprot	Q92731
GeneID	2100;
SDS-PAGE MW	59kd
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

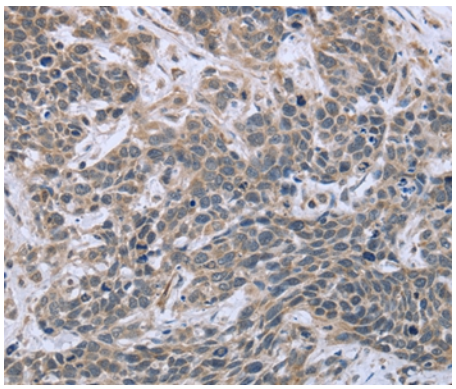
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE
Lysates (from left to right): Mouse brain tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/350 dilution
Secondary antibody dilution: 1/8000
Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36447 at dilution 1/30.

Background

This gene encodes a member of the family of estrogen receptors and superfamily of nuclear receptor transcription factors. The gene product contains an N-terminal DNA binding domain and C-terminal ligand binding domain and is localized to the nucleus, cytoplasm, and mitochondria. Upon binding to 17beta-estradiol or related ligands, the encoded protein forms homo- or hetero-dimers that interact with specific DNA sequences to activate transcription. Some isoforms dominantly inhibit the activity of other estrogen receptor family members. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been fully characterized.

Note: This product is for in vitro research use only