

For Research Use Only

ESRRG Polyclonal antibody

Catalog Number: 14017-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 14017-1-AP	GenBank Accession Number: BC064700	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 600 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2104	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: estrogen-related receptor gamma	
Isotype: IgG	Calculated MW: 51 kDa	
Immunogen Catalog Number: AG5127	Observed MW: 51 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: human spleen tissue, human kidney tissue
Cited Applications: IF, IHC, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

Background Information

Estrogen-related receptor gamma (ERR-gamma), also known as NR3B3 (nuclear receptor subfamily 3, group B, member 3), is a member of nuclear hormone receptor family of steroid hormone receptors. As an orphan nuclear receptor, it binds specifically to an estrogen response element and activates reporter genes controlled by estrogen response elements. It behaves as a constitutive activator of transcription. 4-hydroxytamoxifen and diethylstilbestrol may act as inverse agonists and deactivate ESRRG. It also seems to be the target of bisphenol A. This antibody is a rabbit polyclonal antibody raised against residues near the C terminus of human ESRRG.

Notable Publications

Author	Pubmed ID	Journal	Application
Wei Gong	27417234	Int J Biochem Cell Biol	WB
Olubankole Aladesuyi Arogundade	33588953	Acta Neuropathol Commun	IHC, IF
Hye-Young Nam	30131446	Mol Cancer Res	WB

Storage

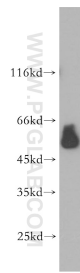
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human spleen tissue were subjected to SDS PAGE followed by western blot with 14017-1-AP (ESRRG antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.