

For Research Use Only

ESX1 Polyclonal antibody

Catalog Number: 14657-1-AP



Basic Information

Catalog Number: 14657-1-AP	GenBank Accession Number: BC053599	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 187 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 80712	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: ESX homeobox 1	
Isotype: IgG	Calculated MW: 44 kDa	
Immunogen Catalog Number: AG6269	Observed MW: 65 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : mouse brain tissue, IP : mouse brain tissue,

Background Information

ESX1, also named as ESX1L and ESX1R, is an X-linked homeobox gene primarily expressed in the placenta and testis, with physiological functions in placenta/fetus development and spermatogenesis. It has a substantively different C-terminal region subject to strong purifying selection. ESX1 can be cleaved into 2 part: ESXR1-N(45kd) and ESXR1-C(20kd). ESXR1-N acts as a transcriptional repressor. ESXR1-C has the ability to inhibit cyclin turnover.

Storage

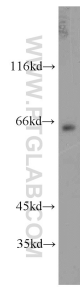
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

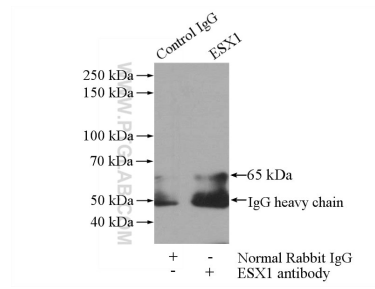
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech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

Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 14657-1-AP (ESX1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



IP Result of anti-ESX1 (IP:14657-1-AP, 4ug; Detection:14657-1-AP 1:500) with mouse brain tissue lysate 3440ug.