

For Research Use Only

NR2C1 Polyclonal antibody

Catalog Number: 13658-1-AP



Basic Information

Catalog Number: 13658-1-AP	GenBank Accession Number: BC040141	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 140 ug/ml by Nanodrop and 140 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7181	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: P13056	
Isotype: IgG	Full Name: nuclear receptor subfamily 2, group C, member 1	
Immunogen Catalog Number: AG4554	Calculated MW: 467 aa, 52 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : SH-SY5Y cells, PC-3 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human prostate cancer tissue,

Background Information

Nuclear receptor subfamily 2 group C member 1 (NR2C1), also known as Orphan nuclear receptor TR2, is a member of the steroid/thyroid hormone receptor superfamily that controls a variety of processes, including growth, differentiation and development. TR2 is known to bind to regulatory elements of the erythropoietin gene, the muscle-specific aldolase A gene and the CNTF-15 gene. In addition to TR2, a related orphan receptor, designated TR4, has been identified. TR4 forms heterodimers with TR2, which are thought to be involved in neurogenesis and germ cell development. TR2 is known to be downregulated by both p53 and ionizing radiation, and it may play a role in linking p53 to members of the steroid receptor family.

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

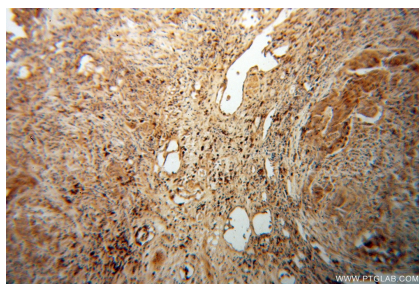
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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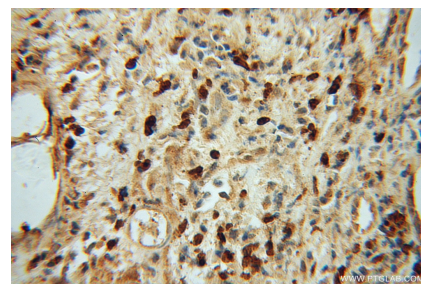
Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 13658-1-AP (NR2C1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 13658-1-AP (NR2C1 antibody) at dilution of 1:50 (under 10x lens). Heat mediated antigen retrieved with Citric acid buffer, pH6.0.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 13658-1-AP (NR2C1 antibody) at dilution of 1:50 (under 40x lens). Heat mediated antigen retrieved with Citric acid buffer, pH6.0.