

NR2C1 Polyclonal Antibody

Catalog number: 13658-1-AP

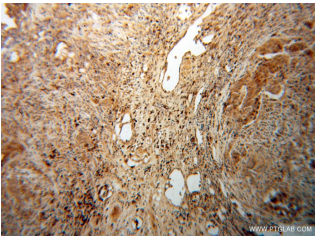
Size: 21 µg/150 µl

Source: Rabbit

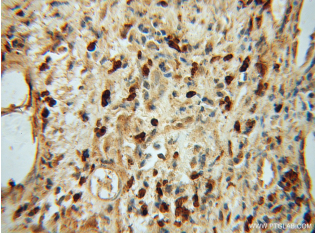
Isotype: IgG

Synonyms:

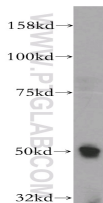
NR2C1; NR2C1, Orphan nuclear receptor TR2, Testicular receptor 2, TR2



Immunohistochemical 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 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



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 13658-1-AP (NR2C1 antibody) at dilution of 1:500

Background

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.

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated NR2C1 MW:	467aa, 52 kDa
Observed NR2C1 MW:	52kd
Positive WB detected in:	SH-SY5Y cells, PC-3 cells
Positive IHC detected in:	Human prostate cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4554
GenBank accession number:	BC040141
Gene ID (NCBI):	7181
Full name:	Nuclear receptor subfamily 2, group C, member 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.