



NR2C2 Polyclonal Antibody

Catalog No	YP-Ab-05892
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	NR2C2 TAK1 TR4
Immunogen	Synthesized peptide derived from human protein . at AA range: 410-490
Specificity	NR2C2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	hTAK1;NR2C2;Orphan nuclear receptor TAK1;Orphan nuclear receptor TR4; TAK1;Testicular receptor 4;TR2R1;TR4;NR2C2 TAK1 TR4;Nuclear receptor subfamily 2 group C member 2 (Orphan nuclear receptor TAK1) (Orphan nuclear receptor TR4) (Testicular receptor 4)
Observed Band	65kD
Calculated Molecular Weight	65kD
Cell Pathway	Nucleus .
Tissue Specificity	Prostate,Testis,
Function	developmental stage:Transiently repressed during the meiotic phase of spermatogenesis.,function:Orphan nuclear receptor. May regulate gene expression during the late phase of spermatogenesis.,similarity:Belongs to the nuclear hormone receptor family.,similarity:Belongs to the nuclear hormone receptor family. NR2 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,subunit:Interacts with NR2C2AP/TRA16 which represses the activity of NR2C2.,



Background

This gene encodes a protein that belongs to the nuclear hormone receptor family. Members of this family act as ligand-activated transcription factors and function in many biological processes such as development, cellular differentiation and homeostasis. The activated receptor/ligand complex is translocated to the nucleus where it binds to hormone response elements of target genes. The protein encoded by this gene plays a role in protecting cells from oxidative stress and damage induced by ionizing radiation. The lack of a similar gene in mouse results in growth retardation, severe spinal curvature, subfertility, premature aging, and prostatic intraepithelial neoplasia (PIN) development. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2014],

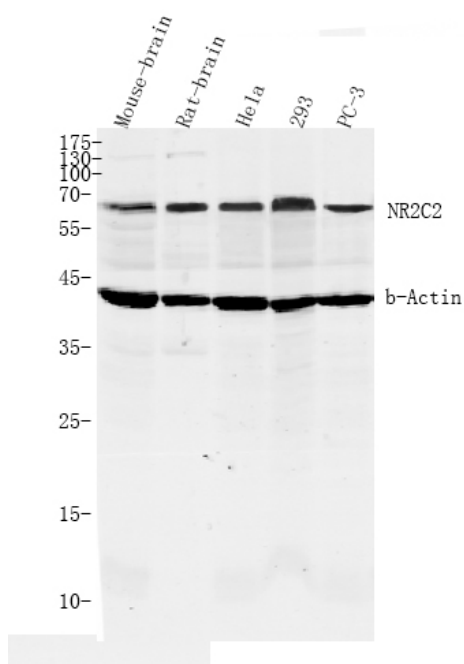
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of mouse-brain rat-brain HeLa 293 PC-3 cell lysis. Primary Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:10000