

Product datasheet for **TA392601**

NR2C2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:2000~1:5000
Reactivity:	Human, Pig
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to Human TR4.
Specificity:	TR4 polyclonal antibody detects endogenous levels of TR4 protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 67 kDa
Gene Name:	nuclear receptor subfamily 2 group C member 2
Database Link:	Entrez Gene 7182 Human P49116

Background: Testicular receptor 4 (TR4), also called TAK1 or NR2C2, is an orphan receptor in a distinct subclass of the steroid hormone nuclear receptor superfamily along with TR2. TR4 forms heterodimers with TR2 and binds to DNA elements containing direct repeats (DRs). TR4 plays a role in various processes, including neurogenesis, spermatogenesis, RNA metabolism, and protein translation. TR4 can interact with other hormone receptors such as AR and ER to influence protein-protein binding and target gene inactivation. High expression of TR4 correlates with prostate cancer metastasis and invasion through downstream targets such as CCL2 and Ezh2. Expression of TR4 in other cancers such as NSCLC and testicular germ cell tumors has also been associated with poor prognosis.



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Synonyms: NR2C2; Nuclear receptor subfamily 2 group C member 2; Orphan nuclear receptor TAK1; Orphan nuclear receptor TR4; TAK1, TR4; Testicular receptor 4

Note: For research use only, not for use in diagnostic procedure.