

TR4 polyclonal antibody

Catalog: BCP01663

Host: Rabbit

Reactivity: Human,Pig

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

~ 67 kDa

Swiss-Prot:

P49116

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:2000~1:5000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

TR4 polyclonal antibody detects endogenous levels of TR4 protein.

DATA:

Western blot (WB) analysis of TR4 polyclonal antibody at 1:2000 dilution

Lane1:The Lung tissue lysate of Pig(40ug)

Lane2:The Spleen tissue lysate of Pig(40ug)

Lane3:The Brain tissue lysate of Pig(40ug)

Lane4:HEK293T whole cell lysate(40ug)

Lane5:Hela whole cell lysate(40ug)

Note:

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