

Testicular Receptor 4 (TR4) Antibody
Rabbit polyclonal antibody
Catalog # AN1172**Specification**

Testicular Receptor 4 (TR4) Antibody - Product Information

Application	WB
Primary Accession	P49117
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	64 KDa

Testicular Receptor 4 (TR4) Antibody - Additional Information

Gene ID	22026
Gene Name	NR2C2

Other Names

Nuclear receptor subfamily 2 group C member 2, Orphan nuclear receptor TAK1, Orphan nuclear receptor TR4, Testicular receptor 4, Nr2c2, Mtr2r1, Tak1, Tr4

Target/Specificity

Fusion protein from the N-terminal region of mouse TR4.

Dilution

WB~~ 1:1000

Format

neat serum

Antibody Specificity

Specific for the ~64 kDa TR4 protein by Western blot in cerebellum and nuclear extracts from MEL cell lines.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Testicular Receptor 4 (TR4) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

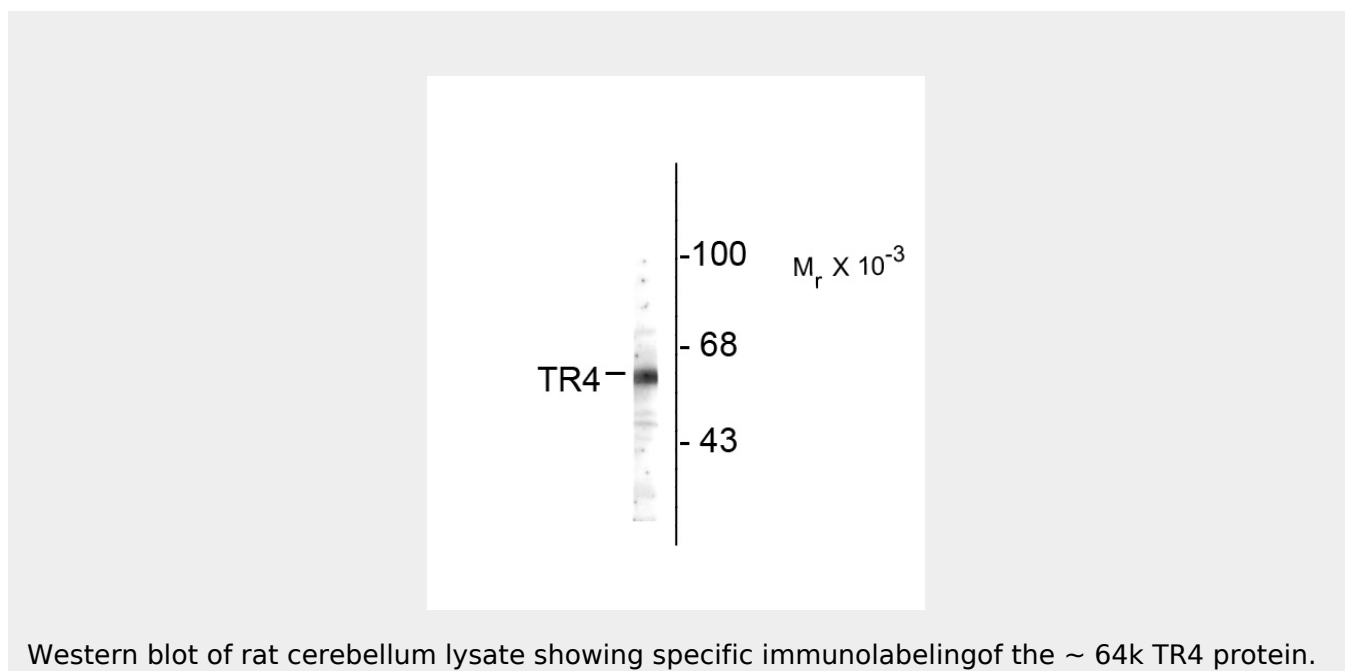
Blue Ice

Testicular Receptor 4 (TR4) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Testicular Receptor 4 (TR4) Antibody - Images



Testicular Receptor 4 (TR4) Antibody - Background

Testicular receptor 4 (TR4) is a member of the orphan nuclear receptor superfamily. Data suggests that TR4 may function as a regulator that modulates many signaling pathways. It has been suggested that TR4 is required for normal cerebellar development as TR4 knockout mice exhibit behavioral deficits in motor coordination (Chen, YT et al., 2008) and plays important roles in growth, embryonic and early postnatal survival (Collins, LL, et al., 2004).

Testicular Receptor 4 (TR4) Antibody - References

Chen YT, Collins LL, Chang SS, Chang C (2008) The roles of testicular orphan nuclear receptor 4 (TR4) in cerebellar development. *Cerebellum* 7(1):9-17.
Collins LL, Lee YF, Heinlein CA, Liu NC, Chen YT, Shyr CR, Meshul CK, Uno H, Platt KA, Chang C (2004) Growth retardation and abnormal maternal behavior in mice lacking testicular orphan nuclear receptor 4. *PNAS* 101(42):15058-63
Tanabe O, Shen Y, Liu Q, Campbell AD, Kuroha T, Yamamoto M, Engel JD. "The TR2 and TR4 orphan nuclear receptors repress Gata1 transcription." *Genes Dev.* 2007, 21:2832-2844.