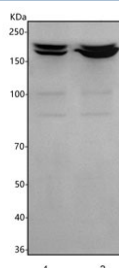


Tenascin-R Antibody / TNR (RQ8849)

Catalog No.	Formulation	Size
RQ8849	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-2 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q92752
Applications	Western Blot : 1-2ug/ml ELISA : 0.1-0.5ug/ml
Limitations	This Tenascin-R antibody is available for research use only.



Western blot testing of 1) rat brain and 2) mouse brain tissue lysate with Tenascin-R antibody. Predicted molecular weight: ~150 kDa, ~140 kDa (two isoforms), may be observed at higher molecular weights due to glycosylation.

Description

Tenascin-R is a protein that in humans is encoded by the TNR gene. Tenascin-R (TNR) is an extracellular matrix protein expressed primarily in the central nervous system. It is a member of the tenascin(TN) gene family, which includes at least 3 genes in mammals: TNC (or hexabrachion), TNX (TNXB), and TNR. The genes are expressed in distinct tissues at different times during embryonic development and are present in adult tissues. TNR has been detected predominantly in the central nervous system and is localized around motor neurons and on motor axons in the spinal cord, cerebellum, hippocampus, and olfactory bulb. It is suggested that tenascin-R has a role in initiating the detachment of neuroblasts from tangential chains and in initiating radial migration of the cells.

Application Notes

Optimal dilution of the Tenascin-R antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids E60-R1007) was used as the immunogen for the Tenascin-R antibody.

Storage

After reconstitution, the Tenascin-R antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.