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39-2127: Anti-TNR Polyclonal Antibody

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	TNR
Gene ID :	7143
Uniprot ID :	Q92752
Alternative Name :	Tenascin-R; TN-R; Janusin; Restrictin; TNR
Isotype :	Rabbit IgG

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.

Product Info

Amount :	100 µg/vial
Purification :	Immunogen affinity purified.
Content :	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 0.1-0.5µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-1µg/ml

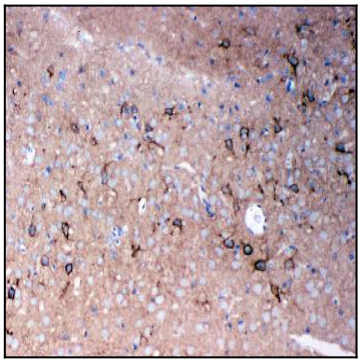


Figure 1: Anti-TNR antibody(39-2127). IHC(P): Rat Brain Tissue.

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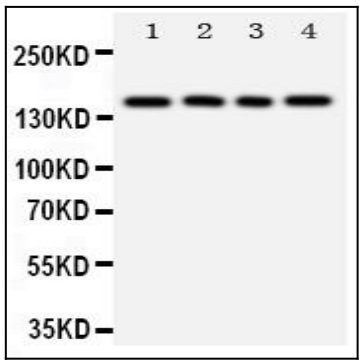


Figure 2: Anti-TNR antibody(39-2127). Western blotting: Lanes: Anti TNR(39-2127) at 0.5ug/ml. Lane 1: Rat Brain Tissue Lysate at 50ug, Lane 2: U87 Whole Cell Lysate at 40ug, Lane 3: HELA Whole Cell Lysate at 40ug, Lane 4: MCF-7 Whole Cell Lysate at 40ug. Predicted band size: 150 kDa: Observed band size: 150 kDa.

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