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# Datasheet for ABIN3044266 anti-Tenascin R antibody (N-Term)

2 Images



#### Overview

Quantity:	100 µg
Target:	Tenascin R (TNR)
Binding Specificity:	AA 104-117, N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Purpose:	Rabbit IgG polyclonal antibody for Tenascin-R(TNR) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of mouse TNR(104-117aa QTSDHESQVTFTHK), identical to the related rat sequence, and different from the related human sequence by one amino acid.
Sequence:	QTSDHESQVT FTHK
Isotype:	lgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Tenascin-R(TNR) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: tenascin R Protein Name: Tenascin-R(TN-R)

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### Product Details

Purification:

Immunogen affinity purified.

## Target Details

Target:	Tenascin R (TNR)	
Alternative Name:	TNR (TNR Products)	
Background:	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.	
	Synonyms: Janusin antibody MGC149328 antibody Restrictin antibody Tenascin R(restrictin,	
	janusin) antibody Tenascin-R antibody TENR_HUMAN antibody TN-R antibody Tnr antibody	
Pathways:	Regulation of Cell Size	
Application Details		
Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat, The detection limit for	
	TNR is approximately 3 ng/lane under reducing conditions.	
	IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Rat, Predicted Species: Human, Mouse,	
	Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for	
	20 mins is required for the staining of formalin/paraffin sections.	
	Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be	
	fit for the product based on sequence similarities. Other applications have not been tested.	
	Optimal dilutions should be determined by end users.	
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by	
	ABIN921231 in IHC(P).	
Restrictions:	For Research Use only	

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Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 $\mu$ g/mL.
Concentration:	500 μg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	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.
Expiry Date:	12 months

#### Images

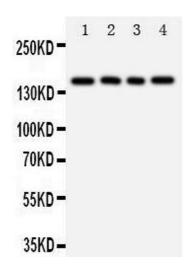
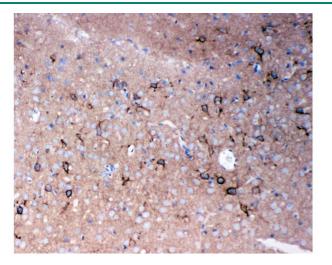


Image 1.	Western Blotting		
	Image 1.		



#### Immunohistochemistry

Image 2. Anti-TNR antibody, IHC(P) IHC(P): Rat Brain Tissue

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