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anti-NETO2 antibody (Extracellular, N-Term)

3 Images



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Overview		
Quantity:	50 μL	
Target:	NETO2	
Binding Specificity:	AA 189-202, Extracellular, N-Term	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This NETO2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)	
Product Details		
Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)RSSQVEQEEKTKPG, corresponding to amino acid residues 189-202 of rat NETO2	
Isotype:	IgG	
Characteristics:	Anti-NETO2 (extracellular) Antibody (ABIN7043377, ABIN7044386 and ABIN7044387)) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot and immunohistochemistry applications. It has been designed to recognize NETO2 from human, rat, and mouse samples.	
Purification:	Affinity purified on immobilized antigen.	

Target Details

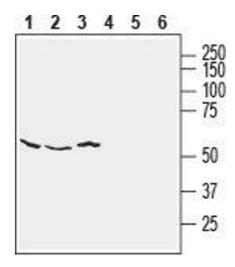
Target:	NETO2
Alternative Name:	NETO2 (NETO2 Products)
Background:	Alternative names: NETO2, Neuropilin and tolloid-like protein 2, Brain-specific transmembrane protein containing 2 CUB and 1 LDL-receptor class A domains protein 2, BTCL2
Gene ID:	307757
NCBI Accession:	NM_018092
UniProt:	C6K2K4

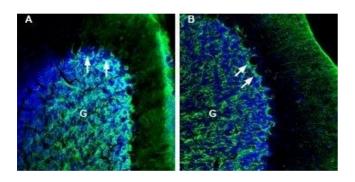
Application Details

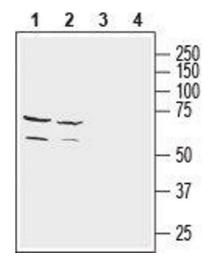
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	$25~\mu\text{L},50~\mu\text{L}$ or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).







Western Blotting

Image 1. Western blot analysis of human SH-SY5Y neuroblastoma (lanes 1 and 4), human HT-29 colon adenocarcinoma (lanes 2 and 5) and human MCF-7 breast adenocarcinoma (lanes 3 and 6) cell line lysates: - 1-3. Anti-NETO2 (extracellular) Antibody (ABIN7043377, ABIN7044386 and ABIN7044387), (1:200).4-6. Anti-NETO2 (extracellular) Antibody, preincubated with NETO2 (extracellular) Blocking Peptide (#BLP-GC046).

Immunohistochemistry

Image 2. Expression of NETO2 in mouse and rat cerebellum - Immunohistochemical staining of perfusion-fixed frozen mouse and rat brain sections with Anti-NETO2 (extracellular) Antibody (ABIN7043377, ABIN7044386 and ABIN7044387), (1:200), followed by goat anti-rabbit-AlexaFluor-488. NETO2 immunoreactivity (green) in both mouse (A.) and rat (B.) cerebellum region is detected in the granule layer (G) and in ""baskets"" (arrows). Cell nuclei are stained with DAPI (blue).

Western Blotting

Image 3. Western blot analysis of mouse (lanes 1 and 3) and rat (lanes 2 and 4) brain lysates: - 1,2. Anti-NETO2 (extracellular) Antibody (ABIN7043377, ABIN7044386 and ABIN7044387), (1:200).3,4. Anti-NETO2 (extracellular) Antibody, preincubated with NETO2 (extracellular) Blocking Peptide (#BLP-GC046).