

Datasheet for ABIN7043130
anti-Ephrin A5 antibody (Extracellular)

3 Images

[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	Ephrin A5 (EFNA5)
Binding Specificity:	AA 172-186, Extracellular
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)DRVFDVNDKVENSL, corresponding to amino acid residues 172-186 of human Ephrin-A5
Isotype:	IgG
Characteristics:	Anti-Ephrin-A5 (extracellular) Antibody (ABIN7043130, ABIN7044259 and ABIN7044260)) is a highly specific antibody directed against an epitope of human EFNA5. The antibody can be used in western blot and immunohistochemistry applications. It has been designed to recognize EFNA5 from rat, mouse, and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

Target:	Ephrin A5 (EFNA5)
---------	-------------------

Target Details

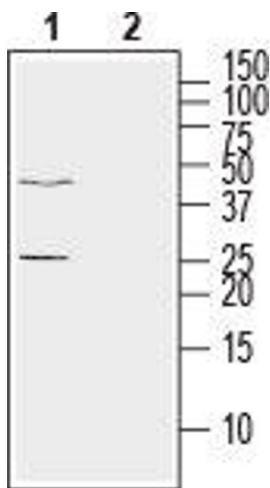
Alternative Name:	Ephrin-A5 (EFNA5 Products)
Background:	Alternative names: Ephrin A5, EPH-related receptor tyrosine kinase ligand 7, LERK7, AL-1, EFNA5
Gene ID:	1946
NCBI Accession:	NM_001962
UniProt:	P52803
Pathways:	RTK Signaling

Application Details

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

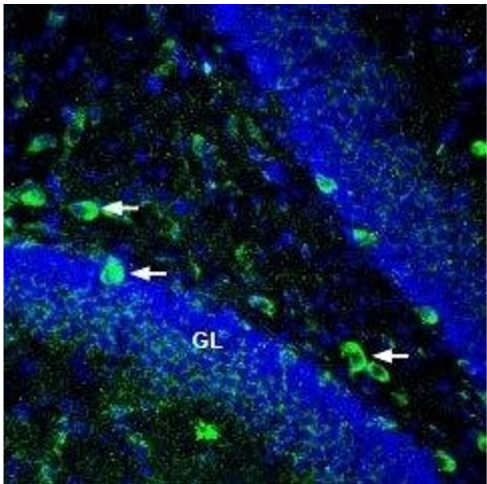
Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL 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:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>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).</p>



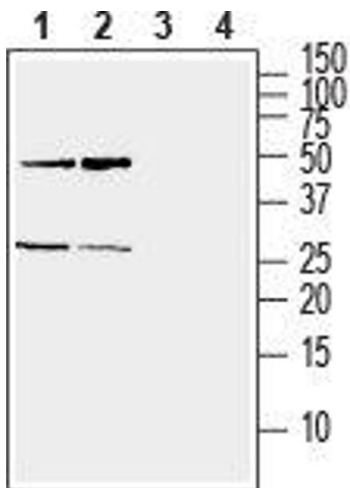
Western Blotting

Image 1. Western blot analysis of human LNCaP prostate adenocarcinoma cell line lysate: - 1. Anti-Ephrin-A5 (extracellular) Antibody (ABIN7043130, ABIN7044259 and ABIN7044260), (1:200). 2. Anti-Ephrin-A5 (extracellular) Antibody, preincubated with Ephrin-A5 (extracellular) Blocking Peptide (#BLP-ER035).



Immunohistochemistry

Image 2. Expression of Ephrin-A5 rat hippocampus - Immunohistochemical staining of perfusion-fixed frozen rat brain sections with Anti-Ephrin-A5 (extracellular) Antibody (ABIN7043130, ABIN7044259 and ABIN7044260), (1:200), followed by goat anti-rabbit-AlexaFluor-488. Ephrin A5 staining (green) in hippocampal dentate gyrus is detected in hilar interneurons (arrows) and in the granule layer (GL). 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 lysate: - 1,2. Anti-Ephrin-A5 (extracellular) Antibody (ABIN7043130, ABIN7044259 and ABIN7044260), (1:200). 3,4. Anti-Ephrin-A5 (extracellular) Antibody, preincubated with Ephrin-A5 (extracellular) Blocking Peptide (#BLP-ER035).