

Datasheet for ABIN7043118
anti-NBC4 antibody (Intracellular, N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	25 µL
Target:	NBC4
Binding Specificity:	AA 11-23, Intracellular, N-Term
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)KLEPTSYRRRHPE, corresponding to amino acid residues 11-23 of rat NBCe2
Isotype:	IgG
Cross-Reactivity (Details):	Not recommended for human and mouse samples.
Characteristics:	Anti-Rat SLC4A5 (NBC4) Antibody is directed against an epitope of rat NBCe2. Anti-Rat SLC4A5 (NBC4) Antibody (ABIN7043118, ABIN7044819 and ABIN7044820)) can be used in western blot analysis. It has been designed to recognize NBCe2 from rat samples. The antibody is not recommended for mouse and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

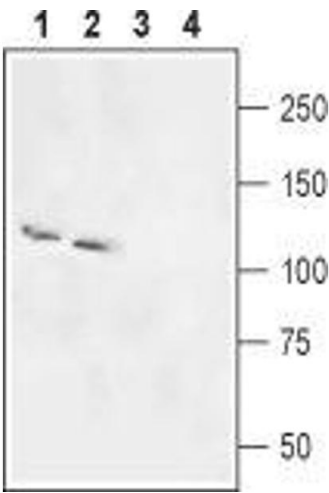
Target:	NBC4
Alternative Name:	SLC4A5 (NBC4) (NBC4 Products)
Background:	Alternative names: SLC4A5 (NBC4), Electrogenic sodium bicarbonate cotransporter 4, NBCe2
Gene ID:	297386
NCBI Accession:	NM_001386136
UniProt:	Q6RI88

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 rat brain (lanes 1 and 3) and testis (lanes 2 and 4) membranes: - 1,2. Anti-Rat SLC4A5 (NBC4) Antibody (ABIN7043118, ABIN7044819 and ABIN7044820), (1:400).3,4. Anti-Rat SLC4A5 (NBC4) Antibody, preincubated with Rat SLC4A5/NBC4 Blocking Peptide (#BLP-NT076).