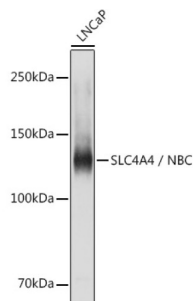
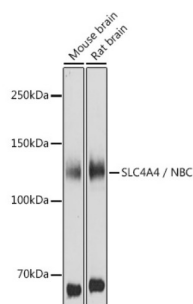


Electrogenic Sodium Bicarbonate Cotransporter 1 / NBC1 (SLC4A4) Antibody

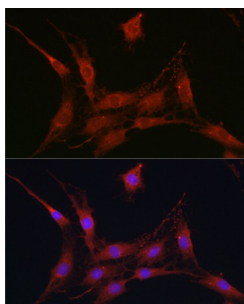
Catalogue No.: abx004076



Western blot analysis of lysates from LNCaP cells, using SLC4A4 / NBC Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 1s.



Western blot analysis of various lysates using SLC4A4 / NBC Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 30s.



Immunofluorescence analysis of C6 cells using SLC4A4 / NBC Antibody at dilution of 1/100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

SLC4A4 Antibody is a Rabbit Polyclonal antibody against SLC4A4. This gene encodes a sodium bicarbonate cotransporter (NBC) involved in the regulation of bicarbonate secretion and absorption and intracellular pH. Mutations in this gene are associated with proximal renal tubular acidosis. Multiple transcript variants encoding different isoforms have been found for this gene.

Target:	Electrogenic Sodium Bicarbonate Cotransporter 1 / NBC1 (SLC4A4)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IF/ICC
Host:	Rabbit

Datasheet

Version: 6.0.0
Revision date: 22 Oct 2025



Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Synthetic peptide corresponding to SLC4A4. The exact sequence is proprietary.

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q9Y6R1 ([UniProt](#), [ExPASy](#))

Gene Symbol: SLC4A4

GenelD: [8671](#)

NCBI Accession: NP_001091954.1

String: [9606.ENSP00000393557](#)

Molecular Weight: Calculated MW: 121 kDa
Observed MW: 135 kDa

Buffer: PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.