

## SLC4A1 antibody

### Product Information

Catalog No.:	FNab00798
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Anion exchanger 1 (AE1), also known as band 3, is a 95-100 kDa transmembrane glycoprotein which is abundantly expressed in erythrocyte plasma membrane and mediates the electroneutral exchange of Cl<sup>-</sup> and HCO<sub>3</sub><sup>-</sup>. It contains a 52-55 kDa C-terminal membrane crossing domain and a 43 kDa N-terminal cytoplasmic domain. Degradation of band 3 protein occurred during erythrocyte aging. The oxidative stress can also activate the proteolysis of band 3 through caspases.

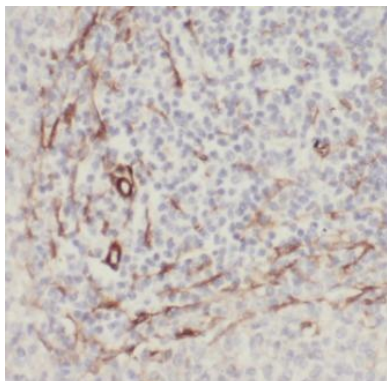
### Immunogen information

Immunogen:	solute carrier family 4, anion exchanger, member 1
Synonyms:	Band 3 anion transport protein Anion exchange protein 1 (AE 1, Anion exchanger 1) Solute carrier family 4 member 1 SLC4A1 AE1 DI EPB3
Observed MW:	43 kDa, 52-70 kDa, 95-102 kDa
Uniprot ID :	P02730

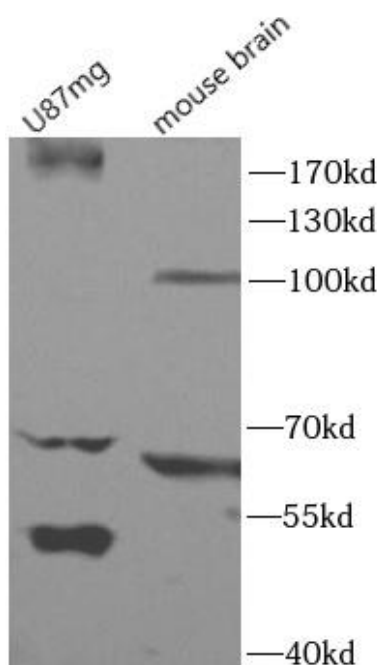
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IHC, WB
Recommended dilution:	WB: 1:200-1:1000; IP: 1:200-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human spleen using FNab00798(SLC4A1 antibody) at dilution of 1:50



Various lysates were subjected to SDS PAGE followed by western blot with FNab00798(SLC4A1 Antibody) at dilution of 1:500