



SLC4A4 Rabbit pAb

Catalog No	YP-Ab-19557
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	SLC4A4 NBC NBC1 NBCE1
Immunogen	Synthesized peptide derived from human SLC4A4. AA range:24-124
Specificity	This antibody detects endogenous levels of SLC4A4 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	SLC4A4 NBC NBC1 NBCE1;Electrogenic sodium bicarbonate cotransporter 1 (Sodium bicarbonate cotransporter) (Na (+) /HCO3 (-) cotransporter) (Solute carrier family 4 member 4) (kNBC1)
Observed Band	
Calculated Molecular Weight	119kD
Cell Pathway	Basolateral cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Isoform 1 is expressed in pancreas and to a lower extent in heart , skeletal muscle , liver , parotid salivary glands , prostate , colon , stomach , thyroid , brain and spinal chord. Corneal endothelium cells express only isoform 1 (at protein level) . Isoform 2 is specifically expressed in kidney at the level of proximal tubules.
Function	Electrogenic sodium/bicarbonate cotransporter with a Na (+) :HCO3 (-) stoichiometry varying from 1:2 to 1:3. May regulate bicarbonate influx/efflux at the basolateral membrane of cells and regulate intracellular pH. ; [Isoform 2]: May have a higher activity than isoform 1.
Background	
matters needing attention	Avoid repeated freezing and thawing!



Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images