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Product datasheet for TA371272S

Band 3 (SLC4A1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 15-50 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human SLC4A1
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	solute carrier family 4 member 1 (Diego blood group)
Database Link:	Entrez Gene 6521 Human P02730
Background:	The protein encoded by this gene is part of the anion exchanger (AE) family and is expressed in the erythrocyte plasma membrane, where it functions as a chloride/bicarbonate exchanger involved in carbon dioxide transport from tissues to lungs. The protein comprises two domains that are structurally and functionally distinct. The N-terminal 40kDa domain is located in the cytoplasm and acts as an attachment site for the red cell skeleton by binding ankyrin. The glycosylated C-terminal membrane-associated domain contains 12-14 membrane spanning segments and carries out the stilbene disulphonate-sensitive exchange transport of anions.

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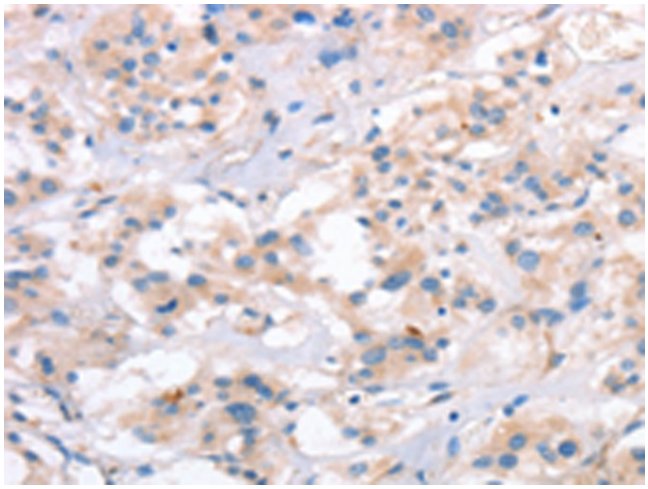
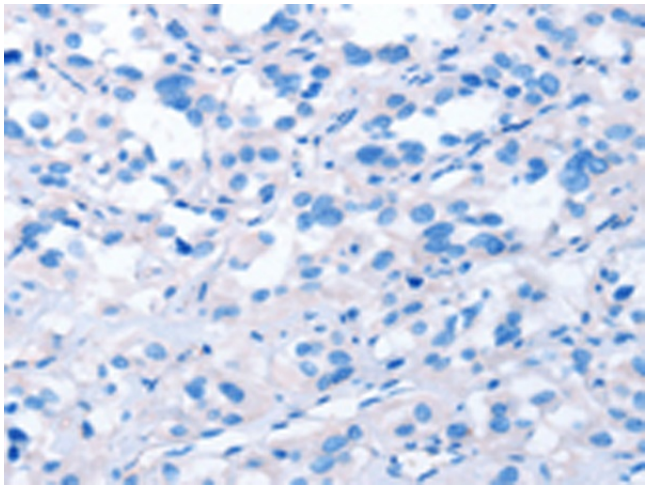
Synonyms: AE1; BND3; CD233; DI; EMPB3; EPB3; FR; MGC116750; MGC116753; MGC126619; MGC126623; RTA1A; SW; WD; WD1; WR

Product images:



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA371272] (SLC4A1 Antibody) at dilution 1/15 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA371272] (SLC4A1 Antibody) at dilution 1/15, treated with synthetic peptide. (Original magnification: ×200)