

## Product datasheet for **TA351705**

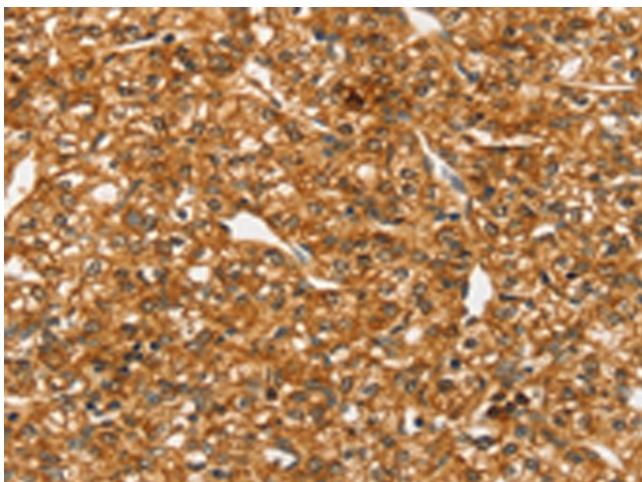
### SLC4A7 Rabbit Polyclonal Antibody

#### Product data:

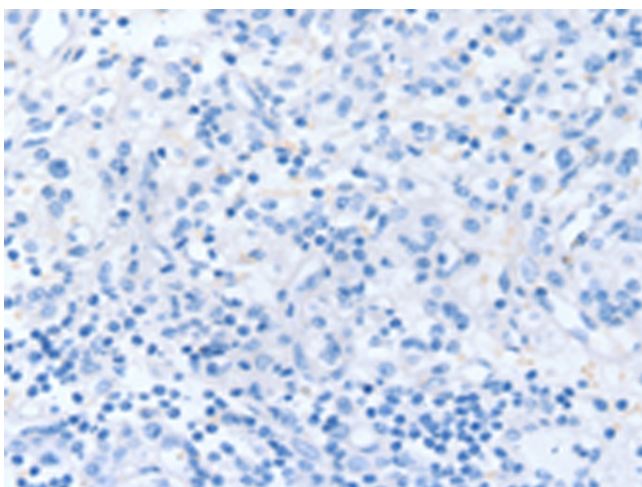
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 30-150 Positive control: Human prostate cancer Predicted cell location: Cytoplasm or Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human SLC4A7
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	solute carrier family 4 member 7
Database Link:	<a href="#">NP_003606</a> <a href="#">Entrez Gene 117955 RatEntrez Gene 218756 MouseEntrez Gene 9497 Human Q9Y6M7</a>
Background:	This locus encodes a sodium bicarbonate cotransporter. The encoded transmembrane protein appears to transport sodium and bicarbonate ions in a 1:1 ratio, and is thus considered an electroneutral cotransporter. The encoded protein likely plays a critical role in regulation of intracellular pH involved in visual and auditory sensory transmission. Alternatively spliced transcript variants encoding distinct isoforms have been described.
Synonyms:	NBC2; NBC3; NBCN1; SBC2; SLC4A6
Protein Families:	Druggable Genome, Transmembrane



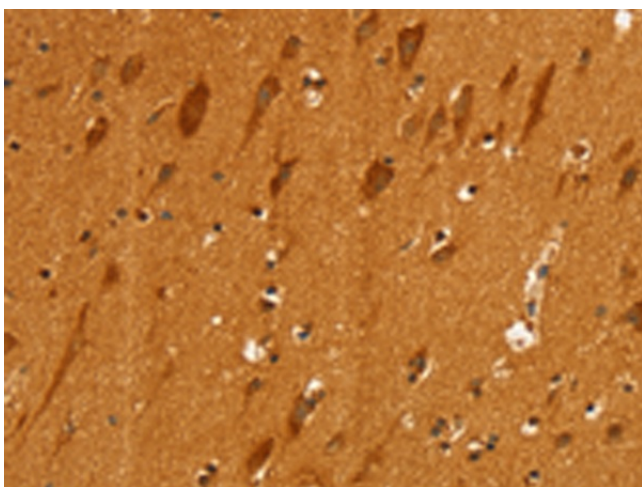
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**Product images:**

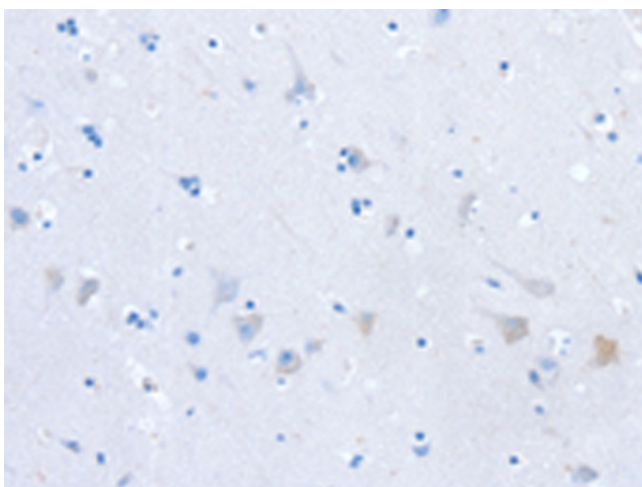
Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA351705 (SLC4A7 Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA351705 (SLC4A7 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using TA351705 (SLC4A7 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA351705 (SLC4A7 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)