

## Product datasheet for **TA388445M**

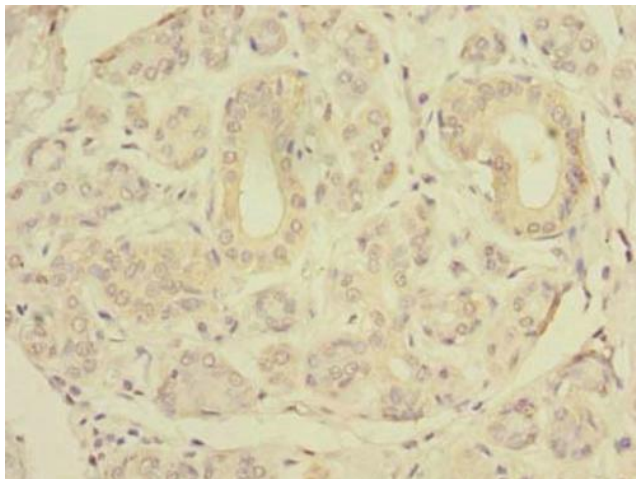
### SLC4A8 Rabbit Polyclonal Antibody

#### Product data:

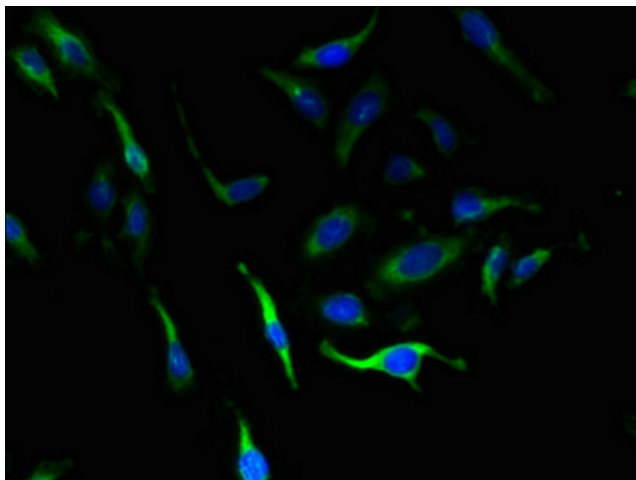
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human Electroneutral sodium bicarbonate exchanger 1 protein (1-300AA)
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration:	lot specific
Purification:	Antigen Affinity Purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	<a href="#">Q2Y0W8</a>
Background:	Mediates electroneutral sodium- and carbonate-dependent chloride-HCO <sub>3</sub> <sup>-</sup> exchange with a Na <sup>+</sup> :HCO <sub>3</sub> <sup>-</sup> stoichiometry of 2:1. Plays a major role in pH regulation in neurons. May be involved in cell pH regulation by transporting HCO <sub>3</sub> <sup>-</sup> from blood to cell. Enhanced expression in severe acid stress could be important for cell survival by mediating the influx of HCO <sub>3</sub> <sup>-</sup> into the cells. Also mediates lithium-dependent HCO <sub>3</sub> <sup>-</sup> cotransport. May be regulated by osmolarity.



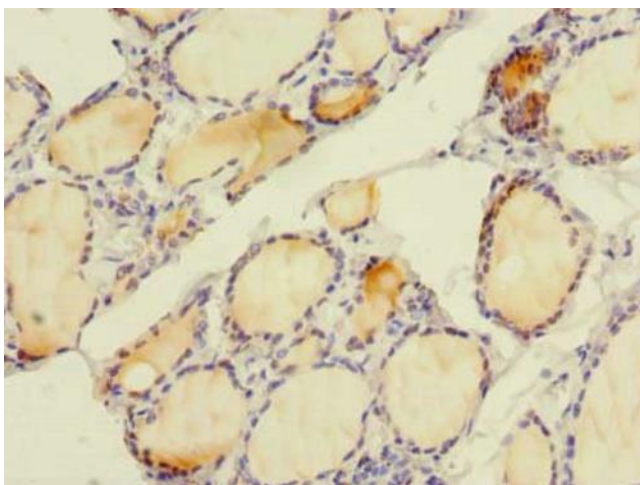
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**Product images:**

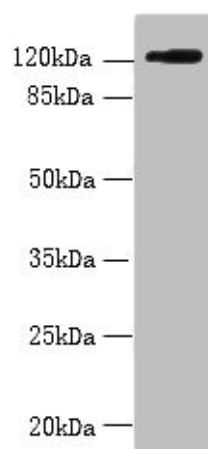
Immunohistochemistry of paraffin-embedded human salivary gland tissue using [TA388445] at dilution of 1:100



Immunofluorescent analysis of HeLa cells using [TA388445] at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human thyroid tissue using [TA388445] at dilution of 1:100



Western blot  
All lanes: SLC4A8 antibody at 2µg/ml + HeLa whole cell lysate  
Secondary  
Goat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size: 123, 121, 118, 112, 78, 84, 72 kDa  
Observed band size: 123 kDa