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Product datasheet for TA322423

Aquaporin 0 (MIP) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 20-100 Positive control: Human colorectal cancer Predicted cell location: Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 250-263 amino acids of Human Aquaporin-0
Formulation:	PBS pH7.3, 0.05% NaN3, 50% 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.
Predicted Protein Size:	28 kDa
Gene Name:	major intrinsic protein of lens fiber
Database Link:	NP_036196 Entrez Gene 17339 MouseEntrez Gene 25480 RatEntrez Gene 4284 Human P30301
Background:	Major intrinsic protein is a member of the water-transporting aquaporins as well as the original member of the MIP family of channel proteins. The function of the fiber cell membrane protein encoded by this gene is undetermined; yet this protein is speculated to play a role in intracellular communication. The MIP protein is expressed in the ocular lens and is required for correct lens function. This gene has been mapped among aquaporins AQP2; AQP5; and AQP6; in a potential gene cluster at 12q13.

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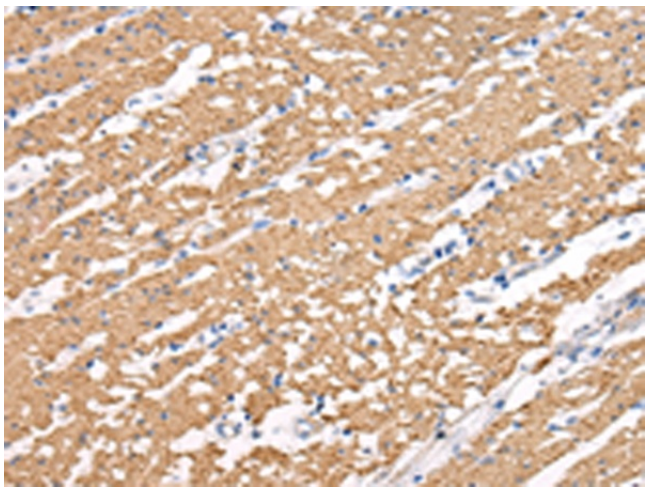
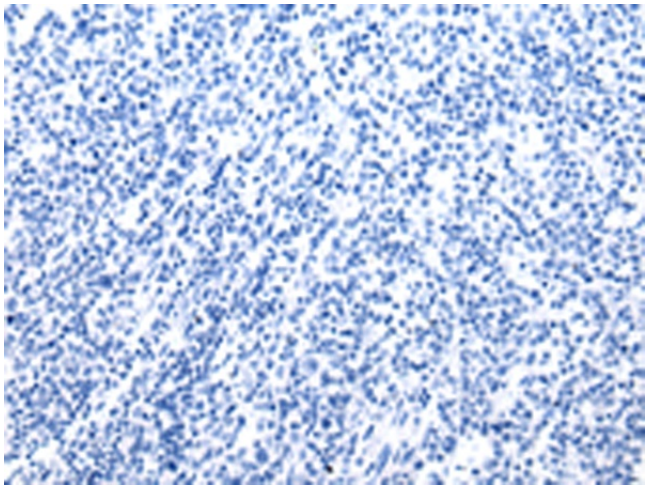
Synonyms: AQP0; CTRCT15; LIM1; MIP26; MP26

Protein Families: Druggable Genome, Transmembrane

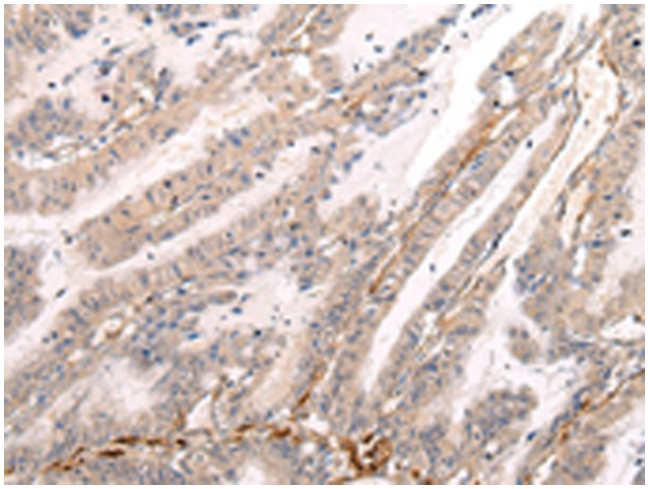
Product images:



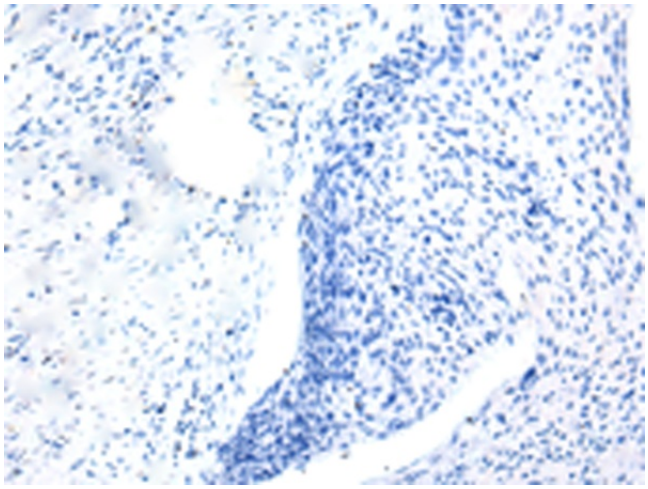
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA322423 (MIP Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA322423 (MIP Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA322423 (MIP Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA322423 (MIP Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)