

Product datasheet for **TA322279S**

ABCB9 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Hela cells IHC: 15-50 Positive control: Human gastric cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide peptide corresponding to a region derived from 710-723 amino acids of human ATP-binding cassette, sub-family B (MDR/TAP), member 9
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
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:	84 kDa
Gene Name:	ATP binding cassette subfamily B member 9
Database Link:	NP_062571 Entrez Gene 23457 Human Q9NP78



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Background: The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1; MDR/TAP; MRP; ALD; OABP; GCN20; White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance as well as antigen presentation. This family member functions in the translocation of peptides from the cytosol into the lysosomal lumen. Alternative splicing of this gene results in distinct isoforms which are likely to have different substrate specificities.?

Synonyms: EST122234; TAPL

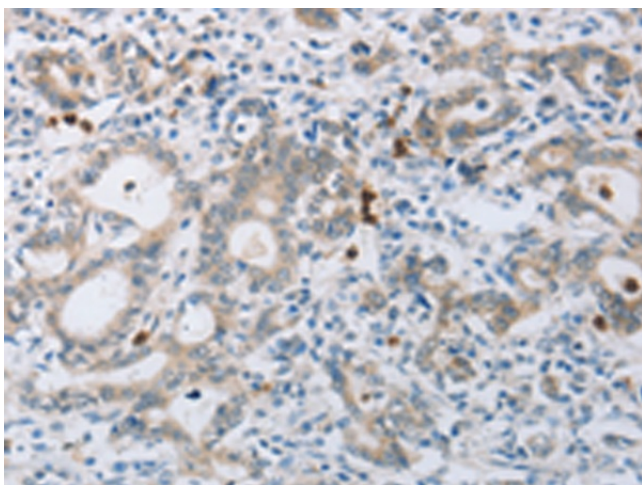
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: ABC transporters, Lysosome

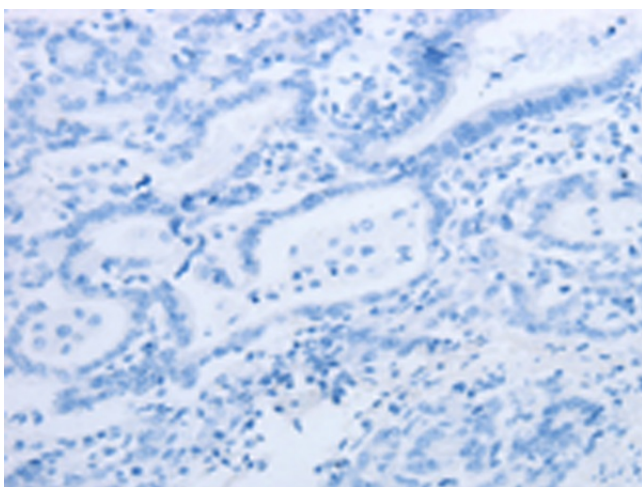
Product images:



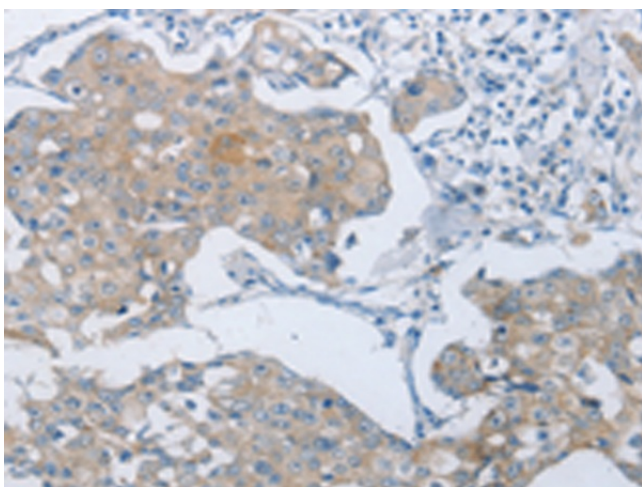
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: HeLa cells
Primary antibody: [TA322279] (ABCB9 Antibody) at dilution 1/250
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 minute



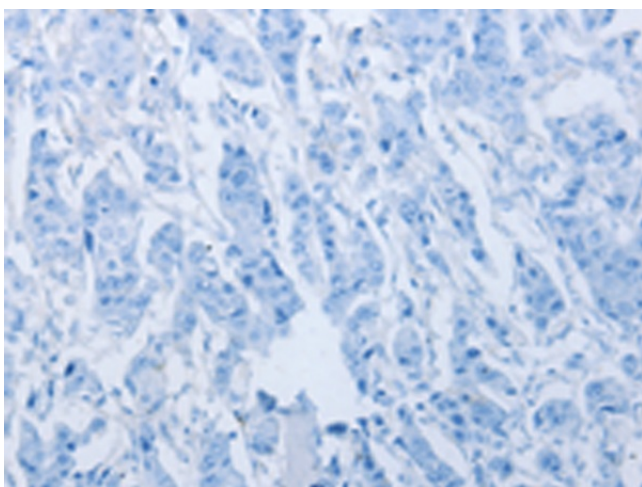
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA322279] (ABCB9 Antibody) at dilution 1/15 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA322279] (ABCB9 Antibody) at dilution 1/15, treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA322279] (ABCB9 Antibody) at dilution 1/15 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA322279] (ABCB9 Antibody) at dilution 1/15, treated with synthetic peptide. (Original magnification: x200)