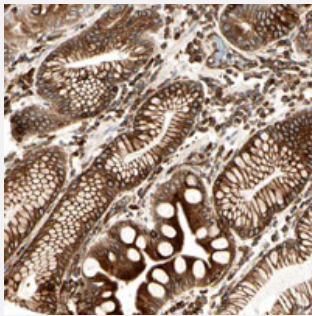


TAPBP polyclonal antibody

Catalog # PAB28223 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human stomach with TAPBP polyclonal antibody (Cat # PAB28223) shows strong cytoplasmic and membranous positivity in glandular cells at 1:20-1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant TAPBP.
Immunogen	Recombinant protein corresponding to amino acids of recombinant TAPBP.
Sequence	QEGTYLATIHLPLYLQGQVTLELAVYKPPKVSLMPATLARAAPGEAPPELLCLVSHFYPSGGLEVE WELRGPGGGRSQKAEGQRWLSALRHSDGSVLSGHLQPPPVTTEQHGARYACRIHHP
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — TAPBP

Entrez GeneID[6892](#)**Gene Name**

TAPBP

Gene Alias

NGS17, TAPA, TPN, TPSN, tapasin

Gene Description

TAP binding protein (tapasin)

Omim ID[601962](#) [604571](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a transmembrane glycoprotein which mediates interaction between newly assembled major histocompatibility complex (MHC) class I molecules and the transporter associated with antigen processing (TAP), which is required for the transport of antigenic peptides across the endoplasmic reticulum membrane. This interaction is essential for optimal peptide loading on the MHC class I molecule. Up to four complexes of MHC class I and this protein may be bound to a single TAP molecule. This protein contains a C-terminal double-lysine motif (KKKAE) known to maintain membrane proteins in the endoplasmic reticulum. This gene lies within the major histocompatibility complex on chromosome 6. Alternative splicing results in three transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

TAP-associated protein|TAP-binding protein|tapasin

Pathway

- [Antigen processing and presentation](#)

Disease

- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Papillomavirus Infections](#)
- [Polyradiculoneuropathy](#)
- [Schizophrenia](#)
- [Uterine Cervical Neoplasms](#)