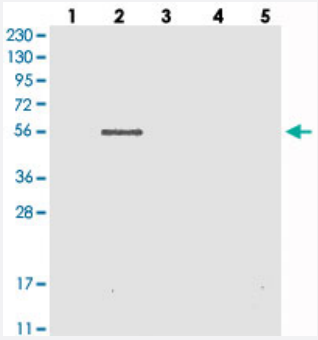
TYSND1 polyclonal antibody

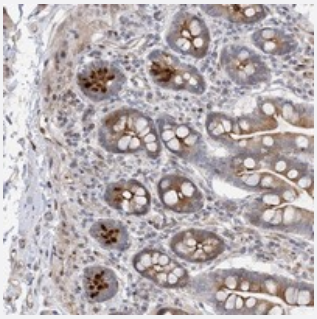
Catalog # PAB22755 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with TYSND1 polyclonal antibody (Cat # PAB22755).



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

Immunohistochemical staining of human small intestine with TYSND1 polyclonal antibody (Cat # PAB22755) shows distinct cytoplasmic positivity in paneth cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant TYSND1.
Immunogen	Recombinant protein corresponding to amino acids of human TYSND1.
Sequence	ATQETCPYDIAVVSLEEDLDDVPIPVPAEHFHEGEAVSVVGFGVFGQSCGPSVTSGILSAVVQVN GTPVMLQTTCAV
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) 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 shoul d be handled by trained staff only.

Applications

- Western Blot

  Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with TYSND1 polyclonal antibody (Cat # PAB22755).

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Gene Info — TYSND1

Entrez GeneID	219743
Protein Accession#	Q2T9J0
Gene Name	TYSND1
Gene Alias	FLJ40378, MGC131934, MGC34695
Gene Description	trypsin domain containing 1
Omim ID	611017
Gene Ontology	Hyperlink

Gene Summary	All peroxisomal proteins are synthesized in the cytosol, and 2 distinct peroxisomal targeting signals (PTSs), the C-terminal PTS1 and N-terminal PTS2, are used for transport of these proteins into peroxisomes. Proteolytic cleavage of the N-terminal targeting sequence of PTS2 proteins accompanies import into peroxisomes, and many PTS1 proteins undergo C-terminal processing once in the peroxisomal matrix. TYSND1 processes both PTS1 and PTS2 proteins involved in beta-oxidation of fatty acids (Kurochkin et al., 2007 [PubMed 17255948]).[supplied by OMIM
Other Designations	OTTHUMP00000019737|OTTHUMP00000019738

Disease

- Alzheimer Disease
- Genetic Predisposition to Disease
- Tobacco Use Disorder