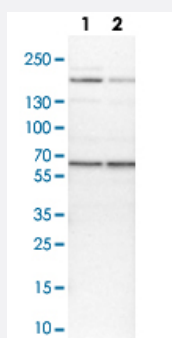


USP14 polyclonal antibody

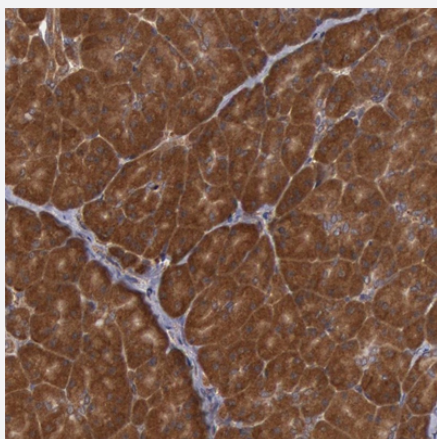
Catalog # PAB29362 Size 100 uL

Applications



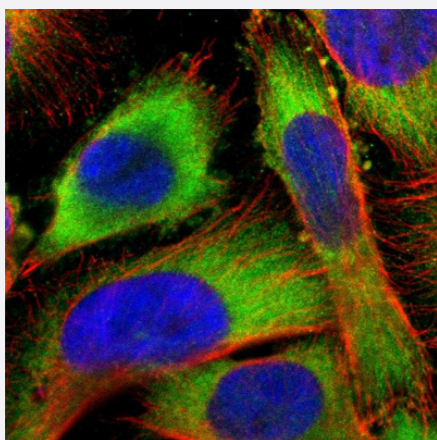
Western Blot (Cell lysate)

Western blot analysis of Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells) Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells) with USP14 polyclonal antibody (Cat # PAB29362) at 1:100-1:250 dilution.



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

Immunohistochemical staining of human pancreas with USP14 polyclonal antibody (Cat # PAB29362) shows strong cytoplasmic positivity in exocrine glandular cells at 1:500-1:1000 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line U-251 MG with USP14 polyclonal antibody (Cat # PAB29362) at 1-4 ug/mL concentration shows positivity in cytoplasm.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human USP14.
Immunogen	Recombinant protein corresponding to human USP14.
Sequence	EKESVNAKVLKDVKFPLMLDMYELCTPELQEKMVSFRSKFKDLEDKKVNQQPNTSDKKSSPQK EVKYEPFSFADDIGSNNCGYDLQAVLTHQGRSSSSGHYVSWVKRKQDEWIKFDDDKVSVTPE DILRLSGGGDWHIAYVL
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:500-1:1000) Immunofluorescence (1-4 ug/mL) Western Blot (1:100-1:250) 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

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Gene Info — USP14

Entrez GeneID [9097](#)

Gene Name USP14

Gene Alias TGT

Gene Description ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase)

Omim ID [607274](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinated proteins. Mice with a mutation that results in reduced expression of the ortholog of this protein are retarded for growth, develop severe tremors by 2 to 3 weeks of age followed by hindlimb paralysis and death by 6 to 10 weeks of age. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations deubiquitinating enzyme 14|tRNA-guanine transglycosylase, 60-kD subunit|ubiquitin carboxyl-terminal hydrolase 14|ubiquitin specific protease 14|ubiquitin specific protease 14 (tRNA-guanine transglycosylase)|ubiquitin thiolesterase 14|ubiquitin-specific pr