Datasheet for ABIN7439744

anti-ATP6AP2 antibody (AA 17-302)

6 Images

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Overview

Quantity:	100 µL
Target:	ATP6AP2
Binding Specificity:	AA 17-302
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6AP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to ATPase, H+ Transporting, Lysosomal Accessory Protein 2 (ATP6AP2)
Immunogen:	Recombinant ATPase, H+ Transporting, Lysosomal Accessory Protein 2 (ATP6AP2) corresdonding to Asn17~Glu302 (Accession # O75787)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ATP6AP2. It has been selected for its ability to recognize ATP6AP2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	ATP6AP2
Alternative Name:	ATPase, H+ Transporting, Lysosomal Accessory Protein 2 (ATP6AP2 Products)
Background:	ATP6IP2, CAPER, ELDF10, XMRE, Renin/prorenin receptor, Embryonic liver differentiation factor 10, Vacuolar ATP synthase membrane sector-associated protein M8-9
Pathways:	ACE Inhibitor Pathway, Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

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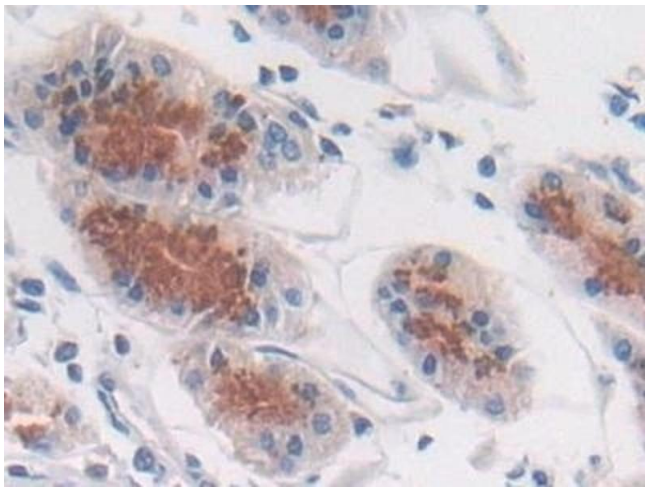
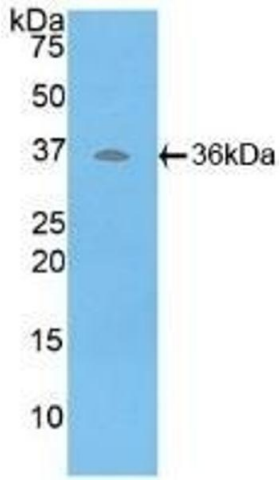


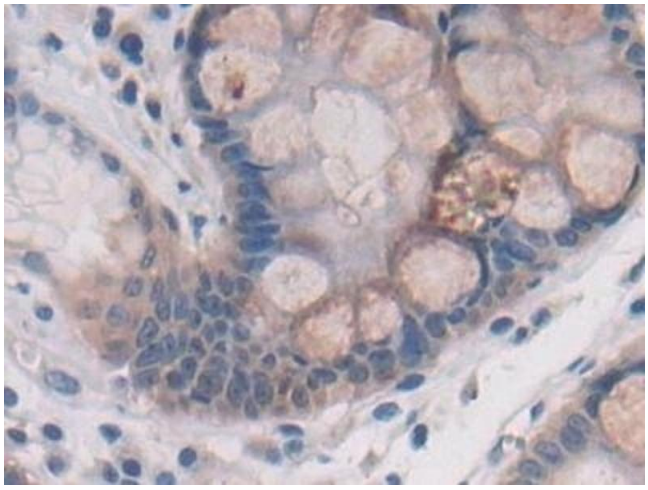
Immunohistochemistry

Image 1. Detection of ATP6AP2 in Human Stomach Tissue using Polyclonal Antibody to ATPase, H+ Transporting, Lysosomal Accessory Protein 2 (ATP6AP2)



Western Blotting

Image 2. Detection of Recombinant ATP6AP2, Human using Polyclonal Antibody to ATPase, H+ Transporting, Lysosomal Accessory Protein 2 (ATP6AP2)



Immunohistochemistry

Image 3. Detection of ATP6AP2 in Human Stomach cancer Tissue using Polyclonal Antibody to ATPase, H+ Transporting, Lysosomal Accessory Protein 2 (ATP6AP2)

Please check the product details page for more images. Overall 6 images are available for ABIN7439744.

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