Datasheet for ABIN6281310

anti-ATP6AP2 antibody (Internal Region)

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Overview

Quantity:	50 µL
Target:	ATP6AP2
Binding Specificity:	AA 140-220, Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6AP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal to Renin Receptor.
Immunogen:	Synthesized peptide derived from human Renin Receptor
Isotype:	IgG
Specificity:	Renin Receptor Polyclonal Antibody detects endogenous levels of Renin Receptor protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	ATP6AP2

Target Details

Alternative Name:	Renin Receptor (ATP6AP2 Products)
Molecular Weight:	39 kDa
Gene ID:	10159
UniProt:	O75787
Pathways:	ACE Inhibitor Pathway, Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:20000
Comment:	Expressed in brain, heart, placenta, liver, kidney and pancreas. Barely detectable in lung and skeletal muscles. In the kidney cortex it is restricted to the mesangium of glomeruli. In the coronary and kidney artery it is expressed in the subendothelium, associated to smooth muscles where it colocalizes with REN. Expressed in vascular structures and by syncytiotrophoblast cells in the mature fetal placenta.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
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:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.