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anti-APIP antibody (AA 111-142)

Images



Overview	
Quantity:	200 μL
Target:	APIP
Binding Specificity:	AA 111-142
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APIP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This APIP antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 111-142 amino acids from the Central region of human APIP.
Clone:	RB55049
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	APIP
Alternative Name:	APIP (APIP Products)
Background:	Catalyzes the dehydration of methylthioribulose-1- phosphate (MTRu-1-P) into 2,3-diketo-5-

Target Details

methylthiopentyl-1- phosphate (DK-MTP-1-P). Functions in the methionine salvage pathway,
which plays a key role in cancer, apoptosis, microbial proliferation and inflammation. May
inhibit the CASP1-related inflammatory response (pyroptosis), the CASP9-dependent apoptotic
pathway and the cytochrome c-dependent and APAF1-mediated cell death.

Molecular Weight: 27125

UniProt: Q96GX9

Pathways: Methionine Biosynthetic Process

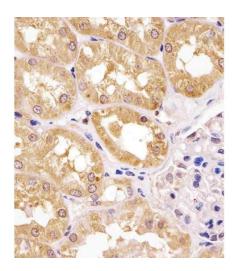
Application Details

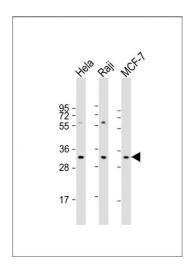
Application Notes: WB: 1:2000. IHC-P: 1:25

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Expiry Date:	6 months





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN6243533 and ABIN6578631) staining IP in human kidney tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0. 5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

Western Blotting

Image 2. All lanes: Anti-IP Antibody (Center) at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: Raji whole cell lysate Lane 3: MCF-7 whole cell lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 27 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.