

PACO44534

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:20-1:200

Protein Background:

Catalyzes the dehydration of methylthioribulose-1-phosphate (MTRu-1-P) into 2,3-diketo-5-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.

Gene ID:

APIP

Uniprot

Q96GX9

Synonyms:

Methylthioribulose-1-phosphate dehydratase (MTRu-1-P dehydratase) (EC 4.2.1.109) (APAF1-interacting protein) (hAPIP), APIP

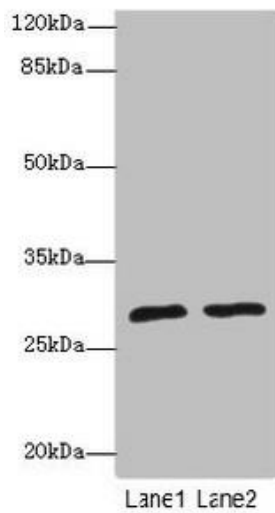
Immunogen:

Recombinant Human Methylthioribulose-1-phosphate dehydratase protein (1-242AA).

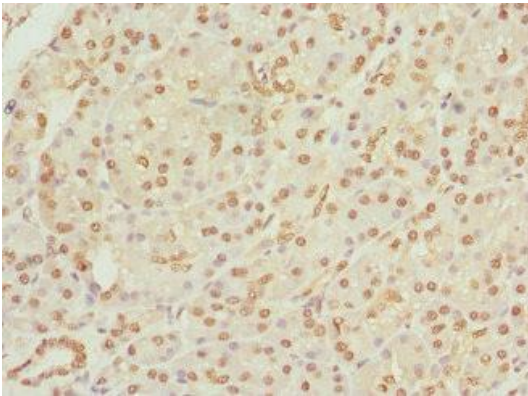
Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

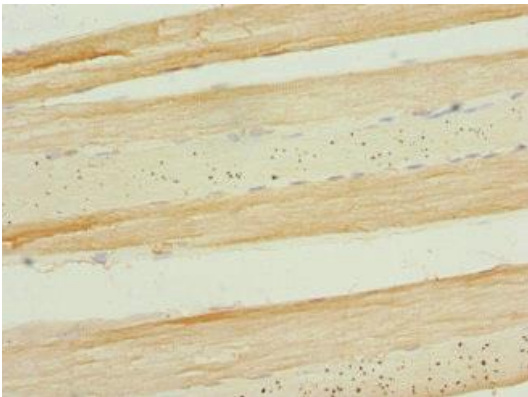
Product Images



Western blot. All lanes: API antibody at 1.85 µg/ml. Lane 1: Mouse heart tissue. Lane 2: Mouse kidney tissue. Secondary: Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 28, 23 kDa. Observed band size: 28 kDa.



Immunohistochemistry of paraffin-embedded human pancreatic tissue using PACO44534 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using PACO44534 at dilution of 1:100.