

Description

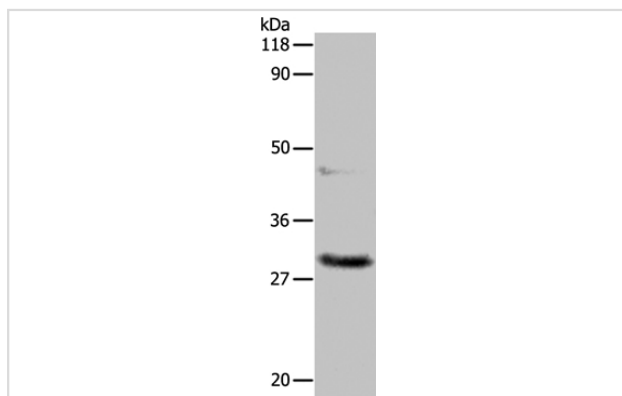
Product Name	APIP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total APIP protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human Probable methylthioribulose-1-phosphate dehydratase
Target Name	APIP
Other Names	APIP2; CGI29; CGI-29; MMRP19; dJ179L10.2
Accession No.	Swiss-Prot#: Q96GX9NCBI Gene ID: 51074Gene Accssion: BC008440
Uniprot	Q96GX9
GeneID	51074;
SDS-PAGE MW	27kd
Concentration	1.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

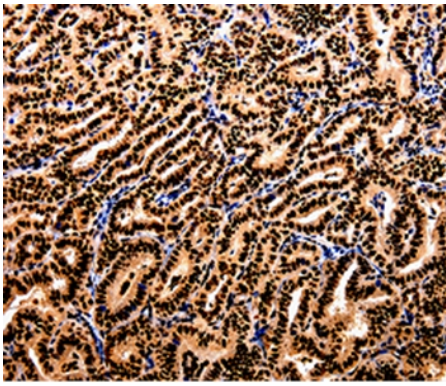
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

Images



Gel: 10%SDS-PAGE
 Lysates (from left to right): Mouse heart tissue
 Amount of lysate: 60ug per lane
 Primary antibody: 1/200 dilution
 Secondary antibody dilution: 1/8000
 Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #35591 at dilution 1/10.

Background

APIP is an APAF1 (MIM 602233)-interacting protein that acts as a negative regulator of ischemic/hypoxic injury. The protein is highly expressed in skeletal muscle and heart and binds to the CARD of Apaf-1 in competition with caspase-9. Exogenous APIP inhibits cytochrome c-induced activation of caspase-3 and caspase-9, and suppresses cell death triggered by mitochondrial apoptotic stimuli through inhibiting the downstream activity of cytochrome c released from mitochondria.

Note: This product is for in vitro research use only