



PAPSS2 mouse mAb

Catalog No	YP-mAb-18294
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PAPSS2 ATPSK2
Immunogen	Synthesized peptide derived from human PAPSS2
Specificity	This antibody detects endogenous levels of PAPSS2 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	3'-phosphoadenosine-5'-phosphosulfate synthase;Adenosine-5'-phosphosulfate 3'-phosphotransferase;Adenylylsulfate 3'-phosphotransferase;Adenylyl-sulfate kinase;ATPSK2;PAPSS2;PAPSS2 ATPSK2;Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 2 (PAPS synthase 2) (PAPSS 2) (Sulfurylase kinase 2) (SK 2) (SK2) [Includes: Sulfate adenylyltransferase (EC 2.7.7.4) (ATP-sulfurylase) (Sul
Observed Band	70 kDa
Calculated Molecular Weight	614 aa, 70 kDa
Cell Pathway	Expressed in cartilage and adrenal gland.
Tissue Specificity	
Function	Bifunctional enzyme with both ATP sulfurylase and APS kinase activity, which mediates two steps in the sulfate activation pathway. The first step is the transfer of a sulfate group to ATP to yield adenosine 5'-phosphosulfate (APS), and the second step is the transfer of a phosphate group from ATP to APS yielding 3'-phosphoadenylylsulfate/PAPS, the activated sulfate donor used by sulfotransferases . In mammals, PAPS is the sole source of sulfate while APS appears to only be an intermediate in the sulfate-activation pathway . Plays indirectly an important role in skeletogenesis during postnatal growth .



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images