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Product datasheet for TA807112

PAPSS2 Mouse Monoclonal Antibody [Clone ID: OTI7E8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI7E8
Applications:	IHC
Recommend Dilution:	IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-247 of human PAPSS2(NP_004661) produced in E.coli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	69.3 kDa
Gene Name:	3'-phosphoadenosine 5'-phosphosulfate synthase 2
Database Link:	NP_004661 Entrez Gene 9060 Human
Background:	Sulfation is a common modification of endogenous (lipids, proteins, and carbohydrates) and exogenous (xenobiotics and drugs) compounds. In mammals, the sulfate source is 3'-phosphoadenosine 5'-phosphosulfate (PAPS), created from ATP and inorganic sulfate. Two different tissue isoforms encoded by different genes synthesize PAPS. This gene encodes one of the two PAPS synthetases. Defects in this gene cause the Pakistani type of spondyloepimetaphyseal dysplasia. Two alternatively spliced transcript variants that encode different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]
Synonyms:	ATPSK2; BCYM4; SK2
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Purine metabolism, Selenoamino acid metabolism, Sulfur metabolism

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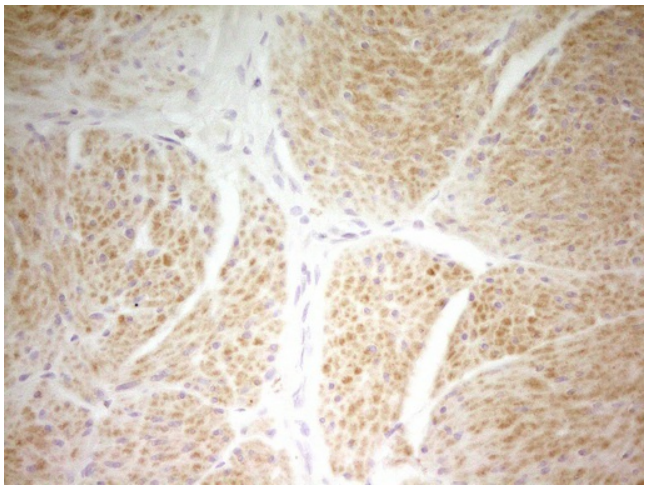
Product images:



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-PAPSS2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA807112)