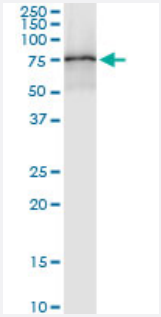
PAPSS2 (Human) IP-WB Antibody Pair

Catalog # H00009060-PW1 Size 1 Set

Applications



Immunoprecipitation of PAPSS2 transfected lysate using rabbit polyclonal anti-PAPSS2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-PAPSS2.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (92)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PAPSS2 transfected lysate using rabbit polyclonal anti-PAPSS2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-PAPSS2.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PAPSS2 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-PAPSS2 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

  Protocol Download

Gene Info — PAPSS2

Entrez GeneID	9060
Gene Name	PAPSS2
Gene Alias	ATPSK2, SK2
Gene Description	3'-phosphoadenosine 5'-phosphosulfate synthase 2
Omim ID	603005
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	3-prime-phosphoadenosine 5-prime-phosphosulfate synthase 2|ATP sulfurylase/APS kinase 2|ATP sulfurylase/adenosine 5'-phosphosulfate kinase|PAPS synthase 2|PAPS synthetase 2|bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthethase 2|phosphoadenosine-

Pathway

- Metabolic pathways
- Purine metabolism
- Selenoamino acid metabolism
- Sulfur metabolism

Disease

- Alzheimer Disease

- Diastrophic dysplasia
- Genetic Predisposition to Disease
- Osteoarthritis
- Tobacco Use Disorder