

DNAxPAb

Hard-to-Find
Antibody

PAPSS2 DNAxPab

Catalog # H00009060-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PAPSS2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSGIKKQKTENQQKSTNVVYQAHHVS RNKRGQVVGTRGGFRGCTVWLTGLSGAGKTTISFALEE YLVSHAIPCYS LDGDNVRHGLNRNLGFSPGDREENIRRIAEVAKLFADAGLVCITSFISPF AKDREN ARKIHESAGLPFFEIFVDAPLNICESRDVKGLYKRARAGEIKGFTGIDSDYEKPETPERVLKTNLSTV SDCVHQVVELLQEQNVPTYI IKDIHELFPENKLDHVRAEAETLPSLSITKLDLQWVQVLSEGWAT PLKGFMRKEYLQVMHFDLLDDGVINMSIPMLPVSAEDKTRLEGCSKFVLAHGGRRVAILRDAE FYEHRKEERC SRVWGTTCTKH PHIKMVME SGDWLVGGDLQVLEKIRWNDGLDQYRLTPLELKQK CKEMNADAVFAFQLRNPVHNGHALLMQDTRRRLLERGYKHPVLLLHPLGGWTKDDDVPLDWRM KQHA AVL EEGVLDPKSTVAIFPSPMLYAGPTEVQWHCRSRMIAGANFYVGRDPAGMPHPETKK DLYEP THGGKVL SMAPGLTSVEIIPFRVAAYNKAKKAMDFYD PARHNEFD FISGTRMRKLAREGE NPPDGFMAPKAWKVLTDYRSLEKN
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PAPSS2

Entrez GeneID [9060](#)

GeneBank Accession# [NM_004670.3](#)

Protein Accession# [NP_004661.2](#)

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 synthetase 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](#)