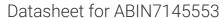
# antibodies .- online.com







# anti-PAPSS2 antibody (AA 2-138) (Biotin)



| $\sim$ |     |     |     |
|--------|-----|-----|-----|
|        | N/P | r\/ | i⊢₩ |

| Quantity:            | 100 μg                                       |
|----------------------|--|
| Target:              | PAPSS2                                       |
| Binding Specificity: | AA 2-138                                     |
| Reactivity:          | Human  |
| Host:                | Rabbit                                       |
| Clonality:           | Polyclonal                                   |
| Conjugate:           | This PAPSS2 antibody is conjugated to Biotin |
| Application:         | ELISA  |
|                      |  |

#### **Product Details**

| lmmunogen:        | Recombinant Human Bifunctional 3\'-phosphoadenosine 5\'-phosphosulfate synthase 2 protein (2-138AA) |
|-------------------|---|
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | >95%, Protein G purified  |

## **Target Details**

| Target:  | PAPSS2                   |
|--|--------------------------|
| Alternative Name:  | PAPSS2 (PAPSS2 Products) |
| Background: Background: 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: activated sulfate donor used by sulfotransferase). In mammals, PAPS is the sole source of sulfate, APS appears to be only an intermediate in the sulfate-activation pathway. May have a important role in skeletogenesis during postnatal growth (By similarity).

Aliases: PAPSS2 antibody, ATPSK2Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 2 antibody, PAPS synthase 2 antibody, PAPSS 2 antibody, Sulfurylase kinase 2 antibody, SK 2 antibody, SK2) [Includes: Sulfate adenylyltransferase antibody, EC 2.7.7.4 antibody, ATP-sulfurylase antibody, Sulfate adenylate transferase antibody, SAT), Adenylyl-sulfate kinase antibody, EC 2.7.1.25 antibody, 3'-phosphoadenosine-5'-phosphosulfate synthase antibody, APS kinase antibody, Adenosine-5'-phosphosulfate 3'-phosphotransferase antibody, Adenylylsulfate 3'-phosphotransferase)] antibody

UniProt: 095340

Pathways: Glycosaminoglycan Metabolic Process, Ribonucleoside Biosynthetic Process

### **Application Details**

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

#### Handling

| Format:            | Liquid  |
|--------------------|---|
| Buffer:            | Preservative: 0.03 % Proclin 300<br>Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4                                |
| Preservative:      | ProClin   |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C,-80 °C   |
| Storage Comment:   | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.   |