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Datasheet for ABIN389133

anti-SULT2B1 antibody (N-Term)





Go to Product page

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| ()\/\ | rview |
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| Quantity: | 400 μL |
|----------------------|--|
| Target: | SULT2B1 |
| Binding Specificity: | AA 1-30, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SULT2B1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |
| | |

Product Details

| Immunogen: | This SULT2B1a/b antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human SULT2B1a/b. |
|---------------|---|
| Clone: | RB5135 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |

Target Details

| Target: | SULT2B1 |
|-------------------|-------------------------------|
| Alternative Name: | SULT2B1a/b (SULT2B1 Products) |

Storage Comment:

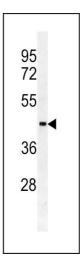
Expiry Date:

| Cytosolic sulfotransferases (STs or SULTs) catalyze the sulfate conjugation of many drugs, xenobiotic compounds, hormones, and neurotransmitters. Her et al. (1998) identified an EST with homology to ST enzymes. By PCR with human placental and prostate cDNA as template, they isolated 2 alternatively spliced cDNAs, identical throughout most of their sequences, but having different 5-prime ends. The shorter cDNA, SULT2B1a, encodes a protein of 350 amino acids, the longer cDNA, SULT2B1b, encodes a 365-amino acid protein. Genomic PCR analysis revealed that the gene encoding both cDNAs, SULT2B1, contains 7 exons, with 2 alternative first exons being used to generate SULT2B1a and SULT2B1b. Northern blot analysis revealed |
|---|
| that the SULT2B1 gene is expressed as a 1.4-kb transcript predominantly in prostate, placenta, and trachea. |
| 41308 |
| 6820 |
| NP_004596, NP_814444 |
| 000204 |
| Steroid Hormone Biosynthesis |
| |
| WB: 1:1000 |
| For Research Use only |
| |
| Liquid |
| Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Sodium azide |
| This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| 4 °C,-20 °C |
| |

aliquots to prevent freeze-thaw cycles.

6 months

Maintain refrigerated at 2-8 $^{\circ}$ C for up to 6 months. For long term storage store at -20 $^{\circ}$ C in small



Western Blotting

Image 1. Western blot analysis of SULT2B1a/b antibody (Nterm) Ap2604a in HL60 cell line lysates (35 μ g/lane). SULT2B1a/b (arrow) was detected using the purified Pab.