

Product datasheet

Anti-SULT1A1/STP antibody [EPR15532] - BSA and Azide free ab232648

Recombinant RabMAb

1 Image

Overview

| | |
|----------------------------|--|
| Product name | Anti-SULT1A1/STP antibody [EPR15532] - BSA and Azide free |
| Description | Rabbit monoclonal [EPR15532] to SULT1A1/STP - BSA and Azide free |
| Host species | Rabbit |
| Tested applications | Suitable for: WB |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide within Human SULT1A1/STP aa 1-100 (N terminal). The exact sequence is proprietary. Database link: P50225 |
| Positive control | WB: Human fetal liver tissue lysate. |
| General notes | <p>ab232648 is the carrier-free version of ab191069 This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.</p> <p>Our carrier-free formats are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>Ab232648 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm. <i>Maxpar® is a trademark of Fluidigm Canada Inc.</i></p> <p>This product was previously labelled as SULT1A1</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | Constituent: PBS |
| Carrier free | Yes |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | EPR15532 |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab232648** in the following tested applications.

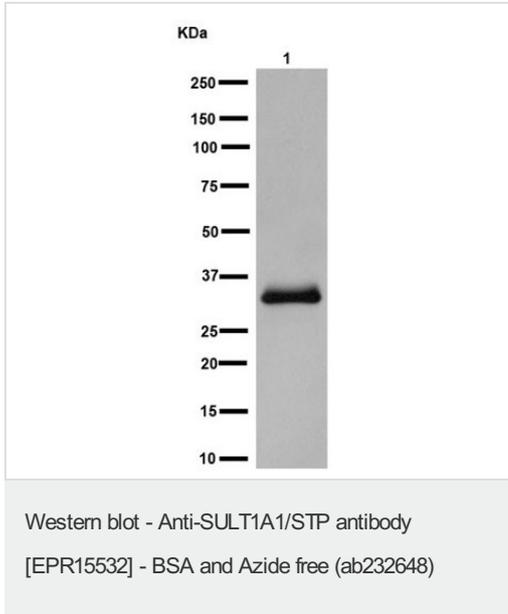
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | Use at an assay dependent concentration. Detects a band of approximately 34 kDa (predicted molecular weight: 34 kDa). |

Target

| | |
|------------------------------|---|
| Function | Catalyzes the sulfate conjugation of catecholamines, phenolic drugs and neurotransmitters. Is also responsible for the sulfation and activation of minoxidil. Mediates the metabolic activation of carcinogenic N-hydroxyarylamines to DNA binding products and could so participate as modulating factor of cancer risk. |
| Tissue specificity | Liver, lung, adrenal, brain, platelets and skin. |
| Sequence similarities | Belongs to the sulfotransferase 1 family. |
| Cellular localization | Cytoplasm. |

Images



Anti-SULT1A1/STP antibody [EPR15532] - N-terminal ([ab191069](#)) at 1/50000 dilution + Human fetal liver tissue lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 34 kDa

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab191069](#)).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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