Datasheet for ABIN7600931

# anti-SHISA6 antibody (AA 253-483)

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## Overview

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| Quantity: | 100 µg |
| Target: | SHISA6 |
| Binding Specificity: | AA 253-483 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SHISA6 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Flow Cytometry (FACS) |

## Product Details

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| Purpose: | Anti-SHISA6 Antibody Picoband® |
| Immunogen: | E.coli-derived human SHISA6 recombinant protein (Position: K253-Y483). |
| Isotype: | IgG |
| Cross-Reactivity (Details): | No cross-reactivity with other proteins. |
| Characteristics: | Anti-SHISA6 Antibody Picoband® (ABIN7600931). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |
| Purification: | Immunogen affinity purified. |

## Target Details

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| Target: | SHISA6 |
| Alternative Name: | SHISA6 (SHISA6 Products) |
| Background: | Synonyms: Transmembrane protein 240,TMEM240,C1orf70,<br>Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.<br>Background: The deduced 551-amino acid human SHISA6 protein has a domain structure typical of SHISA proteins, including an N-terminal signal peptide, followed by a cysteine-rich domain, a transmembrane domain, and a C-terminal proline-rich region. SHISA6 belongs to a SHISA subfamily containing SHISA7, SHISA8, and SHISA9. The SHISA6 gene is mapped to chromosome 17p12 based on an alignment of the SHISA6 sequence (GenBank AK127379) with the genomic sequence (GRCh38). |
| Molecular Weight: | 56 kDa |
| Gene ID: | 380702 |

## Application Details

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| Application Notes: | Western blot, 0.25-0.5 µg/mL, Mouse, Rat<br>Flow Cytometry (Fixed), 1-3 µg/1x$10^6$ cells, Human<br>ELISA, 0.1-0.5 µg/mL, -<br>1. Hartz, P. A. Personal Communication. Baltimore, Md. 1/30/2017. 2. Pei, J., Grishin, N. V. Unexpected diversity in Shisa-like proteins suggests the importance of their roles as transmembrane adaptors. Cell. Signal. 24: 758-769, 2012. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Reconstitution: | Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL. |
| Concentration: | 500 µg/mL |
| Buffer: | Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na2HPO4. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.<br>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw |

cycles.