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Datasheet for ABIN6257856 **anti-SSTR4 antibody (C-Term)**

Overview

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| Quantity: | 100 µL |
| Target: | SSTR4 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SSTR4 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

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| Immunogen: | A synthesized peptide derived from human Somatostatin Receptor 4, corresponding to a region within C-terminal amino acids. |
| Isotype: | IgG |
| Specificity: | Somatostatin Receptor 4 Antibody detects endogenous levels of total Somatostatin Receptor 4. |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

Target Details

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| Target: | SSTR4 |
| Alternative Name: | SSTR4 (SSTR4 Products) |

Target Details

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| Background: | Description: Receptor for somatostatin-14. The activity of this receptor is mediated by G proteins which inhibits adenylyl cyclase. It is functionally coupled not only to inhibition of adenylyl cyclase, but also to activation of both arachidonate release and mitogen-activated protein (MAP) kinase cascade. Mediates antiproliferative action of somatostatin in tumor cells. Gene: SSTR4 |
| Molecular Weight: | 42 kDa |
| Gene ID: | 6754 |
| UniProt: | P31391 |
| Pathways: | cAMP Metabolic Process |

Application Details

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| Application Notes: | WB 1:500-1:1000, ELISA(peptide) 1:20000-1:40000 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
| Expiry Date: | 12 months |