

[Go to Product page](#)

Datasheet for ABIN7140043
anti-INPP5F antibody (AA 187-204) (HRP)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | INPP5F |
| Binding Specificity: | AA 187-204 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This INPP5F antibody is conjugated to HRP |
| Application: | ELISA |

Product Details

| | |
|-------------------|--|
| Immunogen: | Peptide sequence from Human Phosphatidylinositide phosphatase SAC2 protein (187-204AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|--|
| Target: | INPP5F |
| Alternative Name: | INPP5F (INPP5F Products) |
| Background: | Background: Inositol 4-phosphatase which mainly acts on phosphatidylinositol 4-phosphate. May be functionally linked to OCRL, which converts phosphatidylinositol 4,5-bisphosphate to |

Target Details

phosphatidylinositol, for a sequential dephosphorylation of phosphatidylinositol 4,5-bisphosphate at the 5 and 4 position of inositol, thus playing an important role in the endocytic recycling (PubMed:25869669). Regulator of TF:TFRC and integrins recycling pathway, is also involved in cell migration mechanisms (PubMed:25869669). Modulates AKT/GSK3B pathway by decreasing AKT and GSK3B phosphorylation (PubMed:17322895). Negatively regulates STAT3 signaling pathway through inhibition of STAT3 phosphorylation and translocation to the nucleus (PubMed:25476455). Functionally important modulator of cardiac myocyte size and of the cardiac response to stress (By similarity). May play a role as negative regulator of axon regeneration after central nervous system injuries (By similarity).

Aliases: INPP5F antibody, KIAA0966 antibody, SAC2 antibody, MSTP007 antibody, MSTP047 antibody, Phosphatidylinositide phosphatase SAC2 antibody, EC 3.1.3.25 antibody, Inositol polyphosphate 5-phosphatase F antibody, Sac domain-containing inositol phosphatase 2 antibody, Sac domain-containing phosphoinositide 4-phosphatase 2 antibody, hSAC2 antibody

UniProt: [Q9Y2H2](#)

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
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.