

Product datasheet

Anti-Snf1lk2 antibody ab95180

1 Image

Overview

| | |
|----------------------------|---|
| Product name | Anti-Snf1lk2 antibody |
| Description | Rabbit polyclonal to Snf1lk2 |
| Tested applications | Suitable for: IP Unsuitable for: WB |
| Species reactivity | Reacts with: Human Predicted to work with: Chimpanzee, Rhesus monkey, Gorilla, Orangutan |
| Immunogen | Immunogen corresponds to a region between residue 650 and 700 (EVSQQQESVS TLPASVHPQL SPRQSLETQY LQHRLQKPSL LSKAQNTCQL Y) of Human Snf1lk2, (NP_056006.1) Run BLAST with ExPASy Run BLAST with NCBI |
| Positive control | HeLa whole cell lysate |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Storage buffer | Preservative: 0.09% Sodium Azide Constituents: Tris citrate/phosphate, pH 7-8 |
| Purity | Immunogen affinity purified |
| Purification notes | ab95180 was affinity purified using an epitope specific to Snf1lk2 immobilized on solid support. |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab95180** 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 |
|-------------|-----------|-----------------------------|
| IP | | Use at 2-5 µg/mg of lysate. |

Application notes

Is unsuitable for WB.

Target

Function

Phosphorylates 'Ser-794' of IRS1 in insulin-stimulated adipocytes, potentially modulating the efficiency of insulin signal transduction. Inhibits CREB activity by phosphorylating and repressing TORCs, the CREB-specific coactivators.

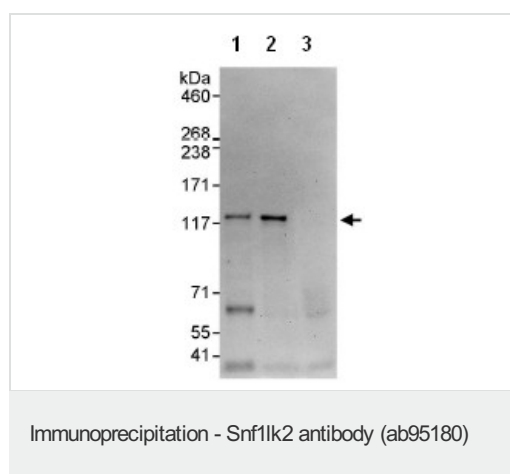
Sequence similarities

Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. AMPK subfamily.
Contains 1 protein kinase domain.
Contains 1 UBA domain.

Cellular localization

Cytoplasm.

Images



ab95180 at 1 $\mu\text{g/ml}$ detecting Snf1l2 in HeLa whole cell lysate by WB following IP.

Lane 1: IP with an antibody which recognizes an upstream epitope of Snf1l2

Lane 2: ab95180 at 3 $\mu\text{g/mg}$ of lysate

Lane 3: control IgG.

In each case, 1 mg of lysate was used for IP and 20% of the IP was loaded.

Detection: Chemiluminescence with an exposure time of 30 seconds

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