abcam

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.

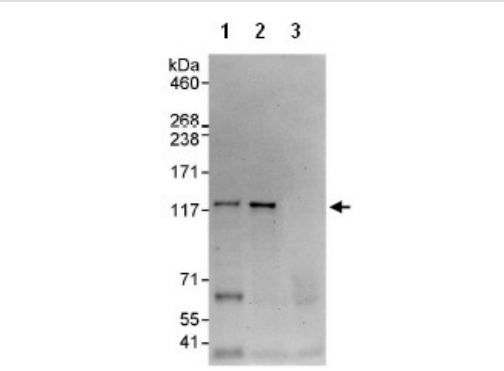
Application	Abreviews	Notes
IP		Use at 2-5 µg/mg of lysate.

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



Immunoprecipitation - Snf1lk2 antibody (ab95180)

ab95180 at 1 µg/ml detecting Snf1lk2 in HeLa whole cell lysate by WB following IP.
Lane 1: IP with an antibody which recognizes an upstream epitope of Snf1lk2
Lane 2: ab95180 at 3µg/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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