

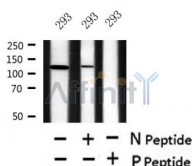
Phospho-SirT1 (Ser27) Ab

Cat.#: AF4484
Size: 50ul, 100ul, 200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 120kDa
Clonality: Polyclonal

Application:	WB 1:500-1:2000
Reactivity:	Human
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-SirT1 (Ser27) Ab detects endogenous levels of SirT1 only when phosphorylated at Ser27.
Immunogen:	A synthesized peptide derived from human SirT1 around the phosphorylation site of Ser27.
Uniprot:	Q96EB6
Subcellular Location:	Cytoplasm. Mitochondrion and Nucleus, PML body. Cytoplasm. Nucleus. Recruited to the nuclear bodies via its interaction with PML (PubMed:12006491). Colocalized with APEX1 in the nucleus (PubMed:19934257). May be found in nucleolus, nuclear euchromatin, heterochromatin and inner membrane (PubMed:15469825). Shuttles between nucleus and cytoplasm (By similarity). Colocalizes in the nucleus with XBP1 isoform 2 (PubMed:20955178).
Tissue Specificity:	Widely expressed.
Similarity:	Belongs to the sirtuin family. Class I subfamily.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis of Phospho-SirT1 (Ser27) in lysates of 293 cells, using Phospho-SirT1 (Ser27) Ab(AF4484).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,

overnight.

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