

## Anti-SIRT1 antibody (Internal) (STJ70991)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB
Host / Source	Goat
Reactivity	Human/Mouse/Rat/Dog

### PRODUCT PROPERTIES

Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:64000. WB: Approx 110kDa band observed in lysates of cell line NIH3T3 (calculated MW of 80.3kDa according to Mouse NP_062786.1). Preliminary testing also showed a band at approx 120kDa in Fetal
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

Gene ID	<a href="#">23411</a>
Gene Symbol	<a href="#">SIRT1</a>
UniProt ID	<a href="#">SIR1_HUMAN</a>
Immunogen Region	Internal
Immunogen Sequence	EITEKPPRTQKE

### ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ70991 (1 µg/ml) staining of NIH3T3 cell lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.