SANTA CRUZ BIOTECHNOLOGY, INC.

USP17L (S-14): sc-103318

BACKGROUND

USP17L (Ubiquitin-specific-processing protease 17-like protein 1), also known as USP17L1 or USP17L1P, is a 530 amino acid protein that localizes to the nucleolus and is a member of the USP17 subfamily and the peptidase C19 family of proteins. USP17L functions in cell apoptosis and cleaves ubiquitin fusion protein substrates. USP17L is encoded by a gene located on human chromosome 8, which consists of nearly 146 million base pairs, houses more than 800 genes and is associated with a variety of diseases and malignancies. Schizophrenia, bipolar disorder, Trisomy 8, Pfeiffer syndrome, congenital hypothyroidism, Waardenburg syndrome and some leukemias and lymphomas are thought to occur as a result of defects in specific genes that map to chromosome 8.

REFERENCES

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SOURCE

USP17L (S-14) is an affinity purified rabbit polyclonal antibody raised against a peptide mapping near the N-terminus of USP17L of human origin.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

PRODUCT

Each vial contains 100 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-103318 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

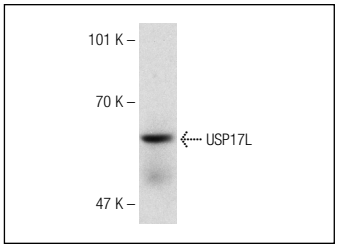
USP17L (S-14) is recommended for detection of USP17L, USP17L2, LOC392188, LOC392197, USP17, LOC645402, LOC645836, LOC728369, LOC728373, LOC728379, LOC728386, LOC728393, LOC728400, LOC728405 and LOC728419 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000); non cross-reactive with other USP family members.

Suitable for use as control antibody for USP17L siRNA (h): sc-77505, USP17L shRNA Plasmid (h): sc-77505-SH and USP17L shRNA (h) Lentiviral Particles: sc-77505-V.

Molecular Weight of USP17L: 60 kDa.

Positive Controls: HL-60 nuclear extract: sc-2147.

DATA



USP17L (S-14): sc-103318. Western blot analysis of USP17L expression in HL-60 nuclear extract.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.