

## USP5

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:1000 - 1:2000

**Calculated MW:**96kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human USP5

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

ISOT;

**Catalog #:**A4202

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**8078

**Isotype:**IgG

**Swiss Prot:**P45974

**Purity:**Affinity purification

For research use only.

**Background:**

Ubiquitin (see MIM 191339)-dependent proteolysis is a complex pathway of protein metabolism implicated in such diverse cellular functions as maintenance of chromatin structure, receptor function, and degradation of abnormal proteins. A late step of the process involves disassembly of the polyubiquitin chains on degraded proteins into ubiquitin monomers. USP5 disassembles branched polyubiquitin chains by a sequential exo mechanism, starting at the proximal end of the chain (Wilkinson et al., 1995)

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