

USP3 Polyclonal Antibody

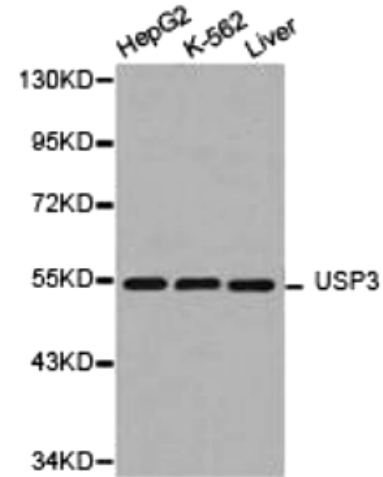
ALTERNATE NAMES:	USP3, MGC129878, MGC129879, SIH003, UBP
CATALOG #:	6142-100
AMOUNT:	100 µg
HOST:	Rabbit
ISOTYPE:	IgG
IMMUNOGEN:	Fusion protein of human USP3
PURIFICATION:	Affinity purified
MOLECULAR WEIGHT:	59 kDa
FORM:	Liquid
FORMULATION:	100 µg of antibody in 100 µl PBS containing 0.02% sodium azide, 50% glycerol, pH 7.3
SPECIES REACTIVITY:	Human, Mouse, Rat
STORAGE CONDITIONS:	Can be stored at -20°C or -80°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION: Ubiquitinating enzymes (UBEs) catalyze protein ubiquitination, a reversible process countered by deubiquitinating enzymes (DUB) action. There are five DUB subfamilies including the USP, UCH, OTU, MJD, and JAMM enzymes. USP3 (ubiquitin specific peptidase 3), also known as UBP or SIH003, is a 520 amino acid protein that contains one UBP-type zinc finger and belongs to the peptidase C19 family. Expressed ubiquitously with highest levels present in pancreas, USP3 catalyzes the conversion of a ubiquitin C-terminal thioester to a free ubiquitin and a thiol. The gene encoding USP3 maps to human chromosome 15, which houses over 700 genes and comprises nearly 3% of the human genome.

SPECIFICITY: Cross reacts with human, mouse and rat samples.

APPLICATION: Western blot: 1:500 – 1:1000 dilution

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user



WB of various cell lysates with USP3 pAb.

RELATED PRODUCTS:

- USP1 Polyclonal Antibody (Cat. No. 6140-100)
- USP2 Polyclonal Antibody (Cat. No. 6141-100)
- USP25 Polyclonal Antibody (Cat. No. 6143-100)
- USP4 Polyclonal Antibody (Cat. No. 6131-50)
- USP5 Polyclonal Antibody (Cat. No. 6132-50)
- USP7 Polyclonal Antibody (Cat. No. 3747-100)
- USP8 Polyclonal Antibody (Cat. No. 6133-50)
- USP14 Polyclonal Antibody (Cat. No. 6134-50)
- USP15 Polyclonal Antibody (Cat. No. 6135-50)

FOR RESEARCH USE ONLY! Not to be used on humans.