

## UBP18 Rabbit Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP05373
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human UBP18
Mol wt	40920
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	UBP18
Synonyms	UBP18

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

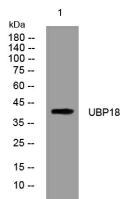
The protein encoded by this gene belongs to the ubiquitin-specific proteases (UBP) family of enzymes that cleave ubiquitin from ubiquitinated protein substrates. It is highly expressed in liver and thymus| and is localized to the nucleus. This protein efficiently cleaves only ISG15 (a ubiquitin-like protein) fusions| and deletion of this gene in mice results in a massive increase of ISG15 conjugates in tissues| indicating that this protein is a major ISG15-specific protease. Mice lacking this gene are also hypersensitive to interferon| suggesting a function of this protein in downregulating interferon responses| independent of its isopeptidase activity towards ISG15.

### Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from THP-1 cells, primary antibody was diluted at 1:1000, 4°C overnight

### Storage

-20°C for 1 year