

USP38 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09442
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human USP38. AA range:551-600
Mol wt	116546
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	USP38 Antibody
Synonyms	USP38; KIAA1891; Ubiquitin carboxyl-terminal hydrolase 38; Deubiquitinating enzyme 38; HP43.8KD; Ubiquitin thioesterase 38; Ubiquitin-specific-processing protease 38

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

Background

The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. Through the use of a wide range of enzymes that can add or remove ubiquitin, the Ub pathway controls many intracellular processes such as signal transduction, transcriptional activation and cell cycle progression. USP38 (ubiquitin specific peptidase 38), also known as HP43. KD, is a 1,042 amino acid deubiquitinating enzyme that participates in the Ub pathway. A member of the peptidase C19 family, the catalytic activity of USP38 involves a combination of the ubiquitin carboxyl-terminal thiolester and water to produce ubiquitin and a thiol. USP38 is highly expressed in skeletal muscle and adrenal gland.

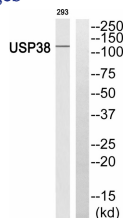
Recommended Dilution

WB: 1: 500 - 1: 2000

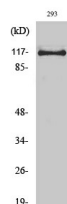
ELISA: 1: 10000

Not yet tested in other applications.

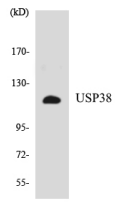
Images



Western blot analysis of USP38 Antibody. The lane on the right is blocked with the USP38 peptide.



Western Blot analysis of various cells using USP38 Polyclonal Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000



Western blot analysis of the lysates from HepG2 cells using USP38 antibody.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com