


Product datasheet

Anti-USP34 antibody ab91617

1 References 2 Images

Overview

Product name	Anti-USP34 antibody
Description	Rabbit polyclonal to USP34
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Rat, Horse, Chicken, Guinea pig, Cow, Dog, Turkey, Chimpanzee, Ferret, Rhesus monkey, Gorilla, Chinese hamster, Orangutan 
Immunogen	Synthetic peptide corresponding to a region between residue 3350 and the C-terminus (residue 3395) of Human USP34 (CAE51938.1).
Positive control	Human breast carcinoma and prostate carcinoma tissue
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: Tris buffered saline, 0.1% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab91617 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		

Application notes

IHC-P: 1/100 - 1/500. Epitope exposure is recommended. Epitope exposure with Tris-EDTA pH9.0 buffer will enhance staining.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Ubiquitin hydrolase that can remove conjugated ubiquitin from AXIN1 and AXIN2, thereby acting as a regulator of Wnt signaling pathway. Acts as an activator of the Wnt signaling pathway downstream of the beta-catenin destruction complex by deubiquitinating and stabilizing AXIN1 and AXIN2, leading to promote nuclear accumulation of AXIN1 and AXIN2 and positively regulate beta-catenin (CTNBB1)-mediated transcription. Recognizes and hydrolyzes the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins.

Tissue specificity

Expressed in brain at low level.

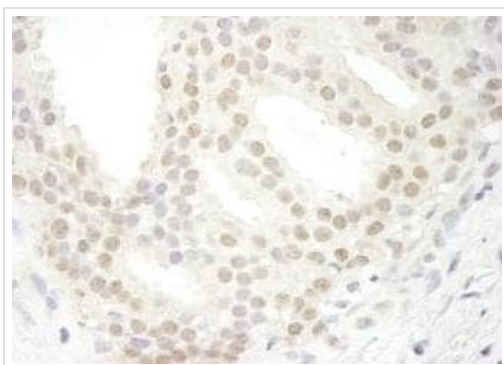
Sequence similarities

Belongs to the peptidase C19 family.

Post-translational modifications

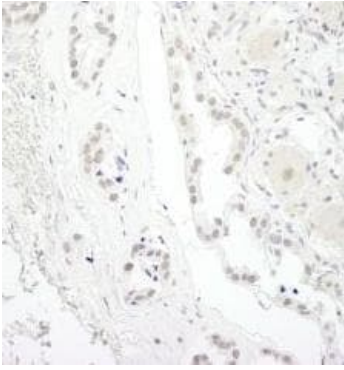
Phosphorylated upon DNA damage, probably by ATM or ATR.

Images



ab91617, at 1/250 dilution, staining USP34 in formalin-fixed paraffin-embedded Human breast carcinoma tissue by Immunohistochemistry using DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-USP34 antibody (ab91617)



ab91617, at 1/250 dilution, staining USP34 in formalin-fixed paraffin-embedded Human prostate carcinoma tissue by Immunohistochemistry using DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-USP34 antibody (ab91617)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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