


Product datasheet

Anti-WWP1 antibody ab227213

[2 Images](#)

Overview

Product name	Anti-WWP1 antibody
Description	Rabbit polyclonal to WWP1
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Mouse Predicted to work with: Rat, Chicken, Cow, Human, Rhesus monkey 
Immunogen	Recombinant fragment within Human WWP1 (internal sequence). The exact sequence is proprietary. Database link: Q9H0M0
Positive control	IHC-P: Mouse liver and stomach tissues.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 79.99% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab227213 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		1/100 - 1/1000.

Target

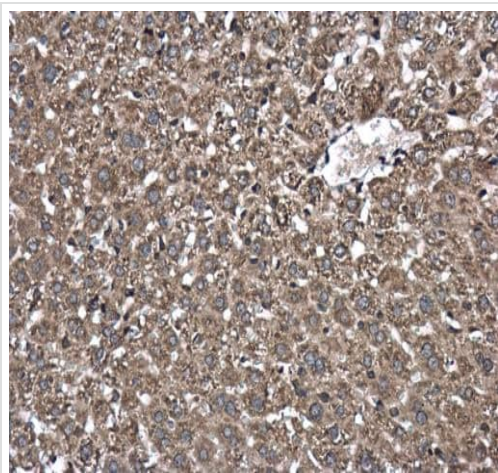
Relevance

WWP1 is an E3 ubiquitin ligase and belongs to a family of NEDD4-like proteins. WWP1 contains 4 tandem WW domains and a HECT (homologous to the E6-associated protein carboxyl terminus) domain. WW domain-containing proteins are found in all eukaryotes and play an important role in the regulation of a wide variety of cellular functions such as protein degradation, transcription, and RNA splicing. The HECT domain of WWP1 has been implicated in regulating the localization and stability of p53 – inhibition of WWP1 results in a decrease in p53 expression, whilst WWP1 mediated stabilization of p53 appears to be associated with an accumulation of cytoplasmic p53. WWP1 also negatively regulates the TGF beta tumor suppressor pathway by inactivating its molecular components (SMAD2, SMAD4 and TGFbetaR1). WWP1 has been implicated in both breast and prostate cancers.

Cellular localization

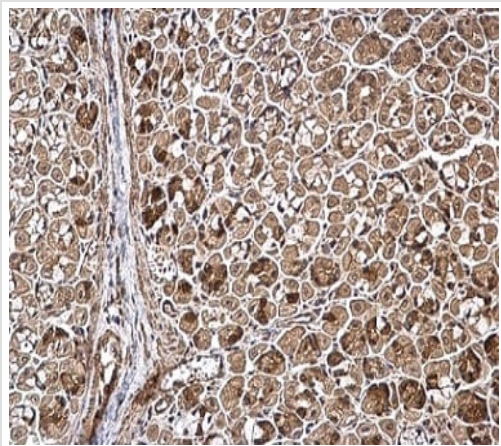
Cell Membrane, Cytoplasmic and Nuclear

Images



Paraffin-embedded mouse liver tissue stained for WWP1 using ab227213 at 1/500 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-WWP1 antibody (ab227213)



Paraffin-embedded mouse stomach tissue stained for WWP1 using ab227213 at 1/500 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-WWP1 antibody (ab227213)

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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