


Product datasheet

Anti-Collagen XV alpha 1 antibody ab58717

1 References

Overview

Product name	Anti-Collagen XV alpha 1 antibody
Description	Rabbit polyclonal to Collagen XV alpha 1
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide corresponding to C terminal residues of human Collagen XV alpha 1.
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: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Purification notes	Purified by antigen specific affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab58717 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
WB		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.

Target

Function	Structural protein that stabilizes microvessels and muscle cells, both in heart and in skeletal muscle. Restin potently inhibits angiogenesis.
Tissue specificity	Expressed predominantly in internal organs such as adrenal gland, pancreas and kidney.
Sequence similarities	Belongs to the multiplexin collagen family. Contains 4 collagen-like domains. Contains 1 laminin G-like domain.
Post-translational modifications	Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains. O-glycosylated; with core 1 or possibly core 8 glycans. An N-terminal peptide contains chondroitin sulfate.
Cellular localization	Secreted, extracellular space, extracellular matrix.

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

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