

Product datasheet

Anti-Calpastatin antibody ab93744

1 Image

Overview

Product name	Anti-Calpastatin antibody
Description	Rabbit polyclonal to Calpastatin
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human Calpastatin aa 550-650 (C terminal). The exact sequence is proprietary. Database link: P20810
Positive control	Breast

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.40 Preservative: 0.1% Sodium azide Constituents: BSA, 0.0268% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab93744** 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
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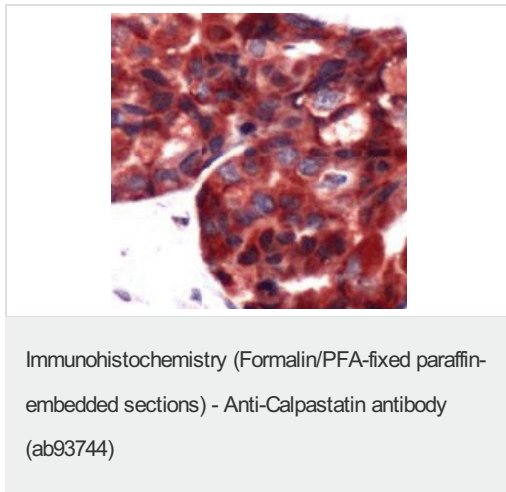
Application	Abreviews	Notes
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IHC-P		1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. 1/200 for 30 mins at RT. Perform heat mediated antigen retrieval before commencing with IHC staining protocol by boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.
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Target

Function	Specific inhibition of calpain (calcium-dependent cysteine protease). Plays a key role in postmortem tenderization of meat and have been proposed to be involved in muscle protein degradation in living tissue.
Sequence similarities	Belongs to the protease inhibitor I27 (calpastatin) family.
Domain	Has four inhibitory domains.
Post-translational modifications	The N-terminus is blocked.

Images



ab93744 at 1/200 dilution staining Calpastatin in formalin-fixed, paraffin-embedded Human breast tissue.

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