

Product datasheet

Anti-Calpastatin antibody ab93744

1 Image

Overview

<b>Product name</b>	Anti-Calpastatin antibody
<b>Description</b>	Rabbit polyclonal to Calpastatin
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide derived from near the C terminus of Human Calpastatin.
<b>Positive control</b>	Breast

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	Preservative: 0.1% Sodium Azide Constituents: BSA, 10mM PBS, pH 7.4
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	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
IHC-P		

<b>Application notes</b>	IHC-P: 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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Not yet tested in other applications.

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

## Target

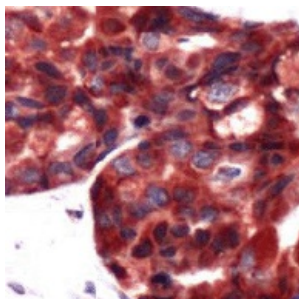
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<b>Function</b>	Specific inhibition of calpain (calcium-dependent cysteine protease). Plays a key role in postmortem tenderization of meat and have been proposed to be involved in muscle protein degradation in living tissue.
<b>Sequence similarities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

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## Images

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Calpastatin antibody (ab93744)

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