

Product datasheet

Anti-DUSP10 antibody - Carboxyterminal end ab71532

1 References 2 Images

Overview

Product name	Anti-DUSP10 antibody - Carboxyterminal end
Description	Rabbit polyclonal to DUSP10 - Carboxyterminal end
Tested applications	Suitable for: WB, ELISA, IHC-P
Species reactivity	Reacts with: Human
Immunogen	KLH-conjugated synthetic peptide from the C-terminal region of human DUSP10.
Positive control	Human breast carcinoma tissue; CEM cell line lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Protein G purified
Purification notes	The antibody was purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab71532** 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		1/100 - 1/500. Predicted molecular weight: 53 kDa.
ELISA		1/1000.
IHC-P		1/50 - 1/100.

Target

Function

Involved in the inactivation of MAP kinases. Has a specificity for the MAPK11/MAPK12/MAPK13/MAPK14 subfamily.

Sequence similarities

Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily.

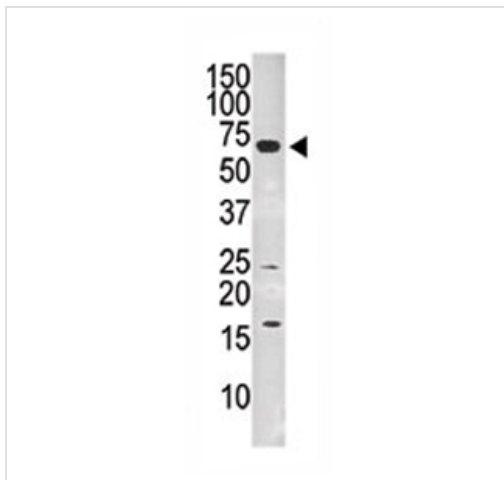
Contains 1 rhodanese domain.

Contains 1 tyrosine-protein phosphatase domain.

Cellular localization

Cytoplasm. Nucleus.

Images



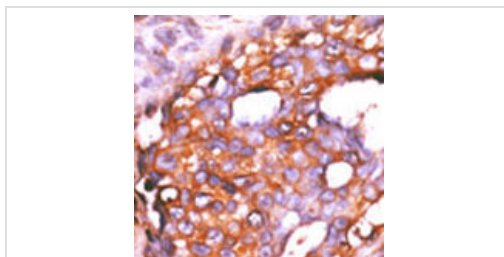
Western blot - DUSP10 antibody - Carboxyterminal end (ab71532)

Anti-DUSP10 antibody - Carboxyterminal end (ab71532) at 1/60 dilution + CEM cell line lysate at 35 µg

Predicted band size : 53 kDa

Observed band size : 70 kDa

Additional bands at : 17 kDa, 25 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - DUSP10 antibody - Carboxyterminal end (ab71532)

Analysis of DUSP10 expression on formalin-fixed, paraffin-embedded human breast carcinoma tissue using ab71532 at 1:50 dilution (peroxidase-conjugated secondary antibody, AEC staining).

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