


Product datasheet

Anti-DUSP7 antibody ab95960

1 Abreviews 3 Images

Overview

<b>Product name</b>	Anti-DUSP7 antibody
<b>Description</b>	Rabbit polyclonal to DUSP7
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse 
<b>Immunogen</b>	Synthetic peptide with a sequence corresponding to a region within amino acids 258 and 320 of Human DUSP7 (NP_001938)
<b>Positive control</b>	293T, H1299, HepG2, Molt-4 and Raji cell lines.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 10% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab95960** 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		1/500 - 1/3000. Predicted molecular weight: 41 kDa.
IHC-P		1/100 - 1/500.
ICC/IF		1/100 - 1/200.

## Target

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### Function

Regulates the activity of the MAP kinase family in response to changes in the cellular environment. PYST2-S may act as a negative regulator of PYST2-L although it is unclear whether this is by competing for transcription, translation or activation factors.

### Tissue specificity

Expressed at significantly higher levels in malignant hematopoietic cells than in corresponding non-malignant cells.

### 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.

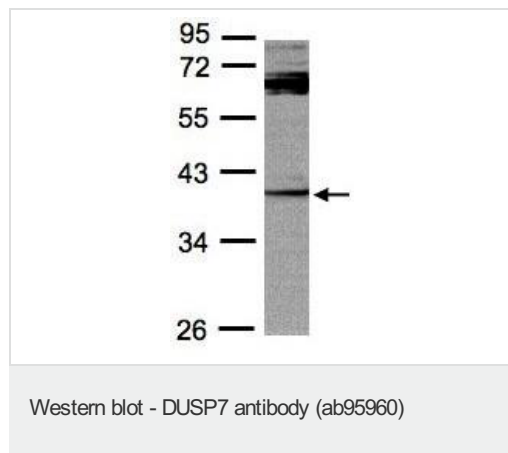
### Cellular localization

Cytoplasm.

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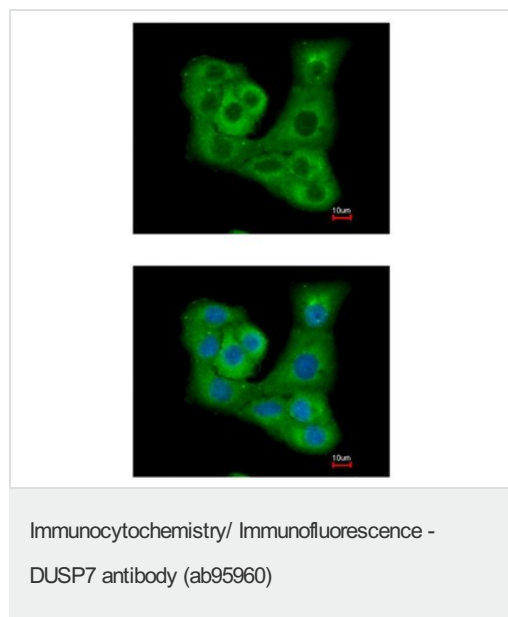
## Images

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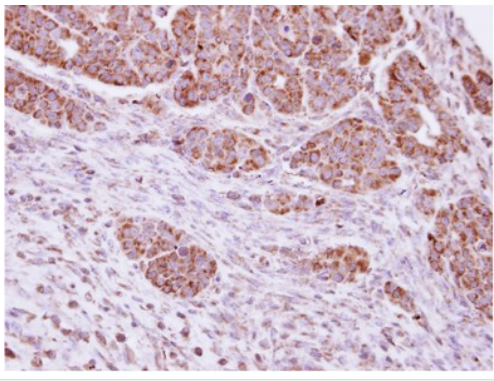


Anti-DUSP7 antibody (ab95960) at 1/1000 dilution + Raji whole cell lysate at 30  $\mu$ g

**Predicted band size : 41 kDa**



ab95960, at 1/200, staining paraformaldehyde-fixed A549 cells by Immunofluorescence. Lower image merged with DNA probe.



ab95960, at 1/100, staining paraffin-embedded NCIN87 xenograft, by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - DUSP7 antibody (ab95960)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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