

Product datasheet

Anti-MEK7 antibody ab5436

1 Image

Overview

Product name	Anti-MEK7 antibody
Description	Rabbit polyclonal to MEK7
Tested applications	Suitable for: IHC-P, ELISA, WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human MEK7 aa 402-419 (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH).
Positive control	WB: HL60 cell lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: PBS
Purity	Protein G purified
Purification notes	This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab5436** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

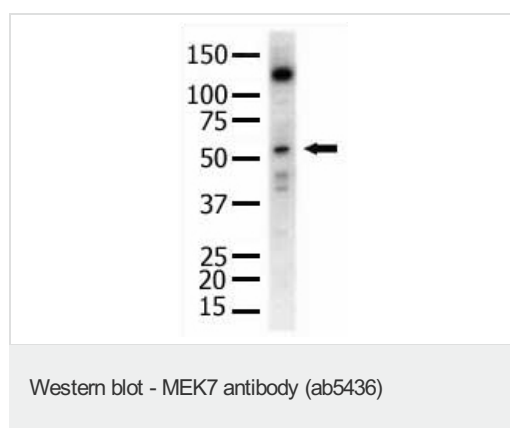
Application	Abreviews	Notes
IHC-P		1/10 - 1/50.
ELISA		1/1000.

Application	Abreviews	Notes
WB		1/100 - 1/500. Detects a band of approximately 55 kDa (predicted molecular weight: 55 kDa).

Target

Function	Stress activated, dual specificity kinase that activates the JUN kinases MAPK8/JNK1, MAPK9/JNK2 and MAPK10/JNK3.
Tissue specificity	Ubiquitous; with highest level of expression in skeletal muscle. Isoform 3 is found at low levels in placenta, fetal liver, and skeletal muscle.
Sequence similarities	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase subfamily. Contains 1 protein kinase domain.
Post-translational modifications	Activated by phosphorylation on Ser/Thr.
Cellular localization	Nucleus. Cytoplasm.

Images



Anti-MEK7 antibody (ab5436) at 1/100 dilution + HL60 cell lysate

Predicted band size : 55 kDa

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