

Product datasheet

Anti-UMP/CMP kinase antibody ab77457

1 References 2 Images

Overview

Product name	Anti-UMP/CMP kinase antibody
Description	Mouse monoclonal to UMP/CMP kinase
Host species	Mouse
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein, corresponding to amino acids 1 - 228 of Human UMP/CMP kinase (AAH14961), with a 26 kDa tag
Positive control	K-562 cell lysate; immunogen

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 1X PBS, pH 7.2
Purity	Protein A purified
Clonality	Monoclonal
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab77457** in the following tested applications.

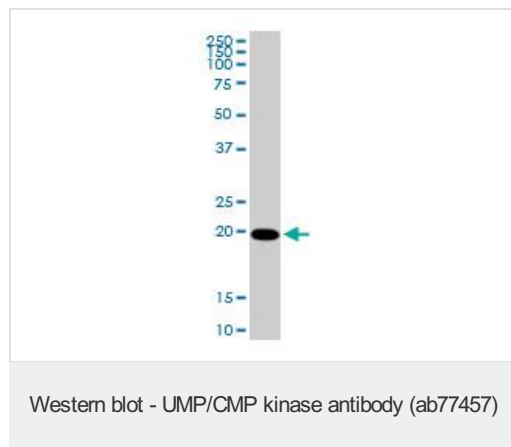
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 22 kDa.
ELISA		Use at an assay dependent dilution.

Target

Function	Catalyzes specific phosphoryl transfer from ATP to UMP and CMP.
Tissue specificity	Ubiquitously expressed.
Sequence similarities	Belongs to the adenylate kinase family.
Cellular localization	Nucleus. Cytoplasm. Mainly nuclear.

Images



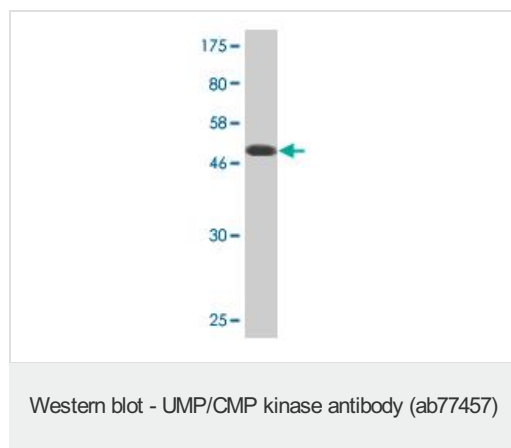
Anti-UMP/CMP kinase antibody (ab77457) at
1/500 dilution + K-562 cell lysate at 25 µg

Secondary

goat anti-mouse IgG (H&L)- HRP conjugate at
1/2500 dilution

Predicted band size: 22 kDa

Observed band size: 20 kDa



Anti-UMP/CMP kinase antibody (ab77457) at
1/500 dilution + recombinant tagged
UMP/CMP kinase protein (the immunogen) at
0.2 µg

Secondary

goat anti-mouse IgG (H&L)- HRP conjugate at
1/5000 dilution

Predicted band size: 22 kDa

Observed band size: 51 kDa

Molecular weight of tag alone is 26 kDa.

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