

Datasheet for ABIN360795
anti-DUSP14 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	DUSP14
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP14 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human DUSP14.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to DUSP14.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	DUSP14
Alternative Name:	DUSP14 / MKP6 (DUSP14 Products)

Target Details

Background: DUSP14 is involved in the inactivation of MAP kinases. This protein dephosphorylates ERK, JNK and p38 MAP-kinases. In addition to antigen recognition by the T-cell receptor, T-cell activation requires a second signal from a costimulatory receptor, such as CD28, which interacts with B7-1 (CD80) and B7-2 (CD86) ligands on antigen-presenting cells. CD28 costimulation induces transcription of interleukin-2 and stabilizes newly synthesized IL2 through the activation of mitogen-activated protein kinases (MAPKs), such as ERK and JNK, and the subsequent creation of AP1 transcription factor. DUSP14 is a negative regulator of CD28 signaling. Synonyms: Dual specificity protein phosphatase 14, MAP kinase phosphatase 6, MKP-1-like protein tyrosine phosphatase, Mitogen-activated protein kinase phosphatase 6

Gene ID: 11072, 9606

UniProt: [O95147](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/50 - 1/100.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

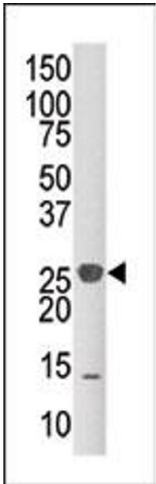


Image 1.

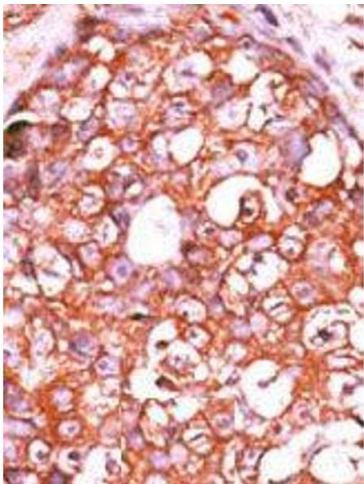


Image 2.