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anti-ZAK antibody

3 Images



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Overview

Quantity:	200 μL
Target:	ZAK
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZAK antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human ZAK (NP_598407.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	ZAK
Alternative Name:	ZAK (ZAK Products)
Background:	This gene is a member of the MAPKKK family of signal transduction molecules and encodes a
	protein with an N-terminal kinase catalytic domain, followed by a leucine zipper motif and a
	sterile-alpha motif (SAM). This magnesium-binding protein forms homodimers and is located in
	the cytoplasm. The protein mediates gamma radiation signaling leading to cell cycle arrest and

Target Details

	activity of this protein plays a role in cell cycle checkpoint regulation in cells. The protein also
	has pro-apoptotic activity. Alternate transcriptional splice variants, encoding different isoforms,
	have been characterized.
Gene ID:	51776
UniProt:	Q9NYL2

Application Details

Concentration:

Application Notes:	IHC 1:50-1:200 IF 1:20-1:50
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

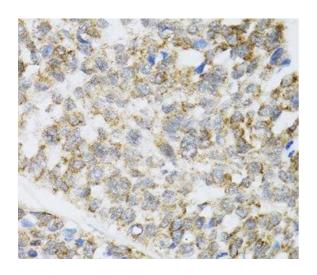
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

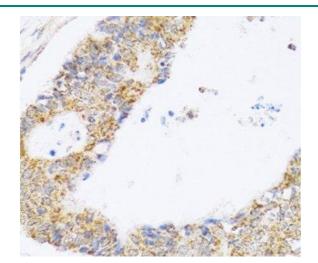
1 mg/mL

Images



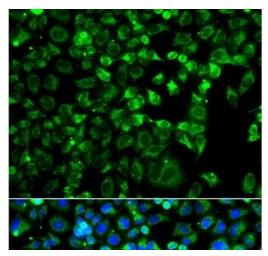
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human esophageal cancer using ZAK Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human colon carcinoma using ZAK Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence

Image 3. Immunofluorescence analysis of A549 cells using ZAK Polyclonal Antibody