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Datasheet for ABIN1340128 MAPK3 & DUSP1 Protein Protein Interaction Antibody Pair





Overview

Quantity:	1 set
Target:	ERK1 (MAPK3)
Reactivity:	Human
Host:	Rabbit, Mouse
Application:	Proximity Ligation Assay (PLA)
Product Details	
Purpose:	This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the MAPK3 protein, and the other against the DUSP1 protein
Cross-Reactivity:	Human
Characteristics:	This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the MAPK3 protein, and the other against the DUSP1 protein .
Components:	Antibody pair set content: 1. MAPK3 rabbit purified polyclonal antibody (20 μg) 2. DUSP1 mouse monoclonal antibody (40 μg) *Reagents are sufficient for at least 30-50 assays using recommended protocols.

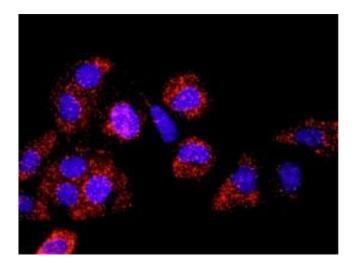
Target Details

Target:	ERK1 (MAPK3)
Alternative Name:	MAPK3 (MAPK3 Products)

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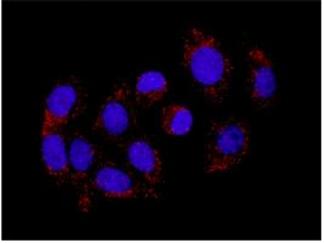
Target Details	
Sub Type:	Cocktail
Background:	Full Gene Name: mitogen-activated protein kinase 3
	Synonyms: ERK1,HS44KDAP,HUMKER1A,MGC20180,P44ERK1,P44MAPK,PRKM3
Gene ID:	5595, 1843
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Handling Advice:	Please aliquot to avoid repeated freeze thaw cycle.
Storage:	-20 °C
Storage Comment:	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze
	thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Images



Proximity Ligation Assay

Image 1. Representative image of Proximity Ligation Assay of protein-protein interactions between MAPK3 and DUSP1. A-549 cells were stained with anti-MAPK3 rabbit purified polyclonal antibody 1:100 and anti-DUSP1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Proximity Ligation Assay

Image 2. Representative image of Proximity Ligation Assay of protein-protein interactions between MAPK3 and DUSP1. HT-29 cells were stained with anti-MAPK3 rabbit purified polyclonal antibody 1:100 and anti-DUSP1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Proximity Ligation Assay

Image 3. Representative image of Proximity Ligation Assay of protein-protein interactions between MAPK3 and DUSP1. PC-3 cells were stained with anti-MAPK3 rabbit purified polyclonal antibody 1:100 and anti-DUSP1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Please check the product details page for more images. Overall 6 images are available for ABIN1340128.

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