antibodies - online.com







AKT1 & SMAD3 Protein Protein Interaction Antibody Pair



Images



Overview	
Quantity:	1 set
Target:	AKT1
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 AKT1 protein, and the other against the SMAD3 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 AKT1 protein, and the other against the SMAD3 protein.
Components:	Antibody pair set content: 1. AKT1 rabbit purified polyclonal antibody (20 µg) 2. SMAD3 mouse monoclonal antibody (40 µg) *Reagents are sufficient for at least 30-50 assays using recommended protocols.

Target Details

Target:	AKT1
Alternative Name:	AKT1 (AKT1 Products)

Target Details

Sub Type:	Cocktail
Background:	Full Gene Name: v-akt murine thymoma viral oncogene homolog 1
	Synonyms: AKT,MGC99656,PKB,PKB-ALPHA,PRKBA,RAC,RAC-ALPHA
Gene ID:	207, 4088

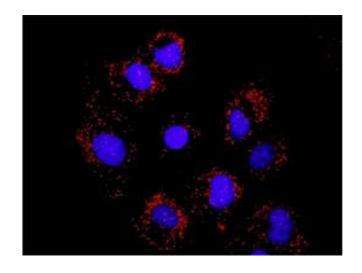
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

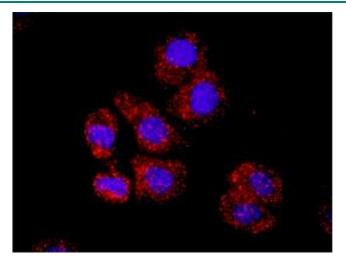
Handling Advice:	Please aliquot to avoid repeated freeze thaw cycle.
Storage:	-20 °C
Storage Comment:	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze
	thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Images



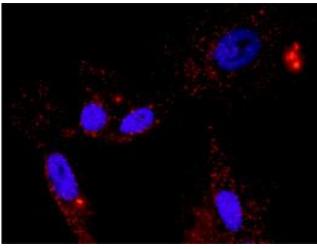
Proximity Ligation Assay

Image 1. Representative image of Proximity Ligation Assay of protein-protein interactions between AKT1 and SMAD3. A-549 cells were stained with anti-AKT1 rabbit purified polyclonal antibody 1:100 and anti-SMAD3 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 AKT1 and SMAD3. HT-29 cells were stained with anti-AKT1 rabbit purified polyclonal antibody 1:100 and anti-SMAD3 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 AKT1 and SMAD3. PC-3 cells were stained with anti-AKT1 rabbit purified polyclonal antibody 1:100 and anti-SMAD3 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 5 images are available for ABIN1340030.