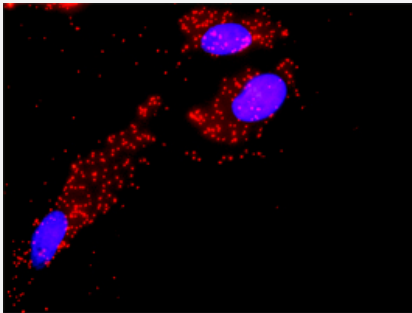


FADD & DAPK1 Protein Protein Interaction Antibody Pair

Catalog # DI0147

Size 1 Set

Applications



Representative image of Proximity Ligation Assay of protein-protein interactions between FADD and DAPK1. HeLa cells were stained with anti-FADD rabbit purified polyclonal antibody 1:1200 and anti-DAPK1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex. The images were analyzed using an optimized freeware (BlobFinder) download from The Centre for Image Analysis at Uppsala University.

Specification

Product Description

This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the FADD protein, and the other against the DAPK1 protein for use in [in situ Proximity Ligation Assay](#). [See Publication Reference below](#).

Reactivity

Human

Quality Control Testing

Protein protein interaction immunofluorescence result.

Representative image of Proximity Ligation Assay of protein-protein interactions between FADD and DAPK1. HeLa cells were stained with anti-FADD rabbit purified polyclonal antibody 1:1200 and anti-DAPK1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex. The images were analyzed using an optimized freeware (BlobFinder) download from The Centre for Image Analysis at Uppsala University.

Supplied Product

Antibody pair set content:

1. FADD rabbit purified polyclonal antibody (100 ug)
2. DAPK1 mouse monoclonal antibody (40 ug)

*Reagents are sufficient for at least 30-50 assays using recommended protocols.

Storage Instruction

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.

Applications

- *In situ* Proximity Ligation Assay (Cell)

Gene Info — DAPK1

Entrez GeneID	1612
Gene Name	DAPK1
Gene Alias	DAPK, DKFZp781I035
Gene Description	death-associated protein kinase 1
Omim ID	600831
Gene Ontology	Hyperlink
Gene Summary	Death-associated protein kinase 1 is a positive mediator of gamma-interferon induced program med cell death. DAPK1 encodes a structurally unique 160-kD calmodulin dependent serine-threonine kinase that carries 8 ankyrin repeats and 2 putative P-loop consensus sites. It is a tumor suppressor candidate. [provided by RefSeq]
Other Designations	-

Gene Info — FADD

Entrez GeneID	8772
Gene Name	FADD
Gene Alias	GIG3, MGC8528, MORT1
Gene Description	Fas (TNFRSF6)-associated via death domain
Omim ID	602457
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is an adaptor molecule that interacts with various cell surface receptors and mediates cell apoptotic signals. Through its C-terminal death domain, this protein can be recruited by TNFRSF6/Fas-receptor, tumor necrosis factor receptor, TNFRSF25, and TNFSF10/TRAIL-receptor, and thus it participates in the death signaling initiated by these receptors. Interaction of this protein with the receptors unmasks the N-terminal effector domain of this protein, which allows it to recruit caspase-8, and thereby activate the cysteine protease cascade. Knockout studies in mice also suggest the importance of this protein in early T cell development. [provided by RefSeq]

Other Designations

Fas-associated via death domain|Fas-associating death domain-containing protein|Fas-associating protein with death domain|growth-inhibiting gene 3 protein|mediator of receptor-induced toxicity

Pathway

- [Apoptosis](#)
- [Bladder cancer](#)
- [Pathways in cancer](#)
- [Pathways in cancer](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cognition](#)
- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lupus Erythematosus](#)

- [Lymphoproliferative Disorders](#)
- [Microsatellite Instability](#)
- [Multiple Myeloma](#)
- [Narcolepsy](#)
- [Occupational Diseases](#)
- [Psychiatric Status Rating Scales](#)
- [Tobacco Use Disorder](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)