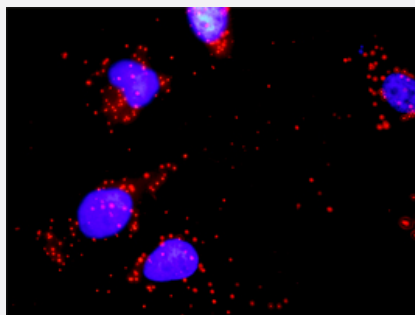


BID & CSNK1E Protein Protein Interaction Antibody Pair

Catalog # DI0135

Size 1 Set

Applications



Representative image of Proximity Ligation Assay of protein-protein interactions between BID and CSNK1E. HeLa cells were stained with anti-BID rabbit purified polyclonal antibody 1:1200 and anti-CSNK1E 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 BID protein, and the other against the CSNK1E 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 BID and CSNK1E. HeLa cells were stained with anti-BID rabbit purified polyclonal antibody 1:1200 and anti-CSNK1E 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. BID rabbit purified polyclonal antibody (100 ug)
2. CSNK1E 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 — BID

Entrez GeneID	637
Gene Name	BID
Gene Alias	FP497, MGC15319, MGC42355
Gene Description	BH3 interacting domain death agonist
Omim ID	601997
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2. The encoded protein is a member of the BCL-2 family of cell death regulators. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves this encoded protein, and the COOH-terminal part translocates to mitochondria where it triggers cytochrome c release. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined. [provided by RefSeq]
Other Designations	BH3-interacting domain death agonist BID isoform ES(1b) BID isoform L(2) BID isoform Si6 Human BID coding sequence OTTHUMP00000196197 apoptotic death agonist desmocollin type 4

Gene Info — CSNK1E

Entrez GeneID	1454
Gene Name	CSNK1E
Gene Alias	HCKIE, MGC10398
Gene Description	casein kinase 1, epsilon
Omim ID	600863
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a serine/threonine protein kinase and a member of the casein kinase I protein family, whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. The encoded protein is found in the cytoplasm as a monomer and can phosphorylate a variety of proteins, including itself. This protein has been shown to phosphorylate period, a circadian rhythm protein. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations

CKI-epsilon|OTTHUMP00000063258|OTTHUMP00000063263|casein kinase 1 epsilon|casein kinase I epsilon

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Circadian rhythm - mammal](#)
- [Hedgehog signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [p53 signaling pathway](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Amphetamine-Related Disorders](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Breast Neoplasms](#)

- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cardiovascular Diseases](#)
- [Chronobiology Disorders](#)
- [Clubfoot](#)
- [Colorectal Neoplasms](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Edema](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Heroin Dependence](#)
- [Kidney Failure](#)
- [Lymphatic Metastasis](#)
- [Mood Disorders](#)
- [NARP](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Metastasis](#)
- [Prostate cancer](#)

- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Psychoses](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Sleep Disorders](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)