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- Expressversand

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MAPK12 & DLG1 Protein Protein Interaction Antibody Pair

Catalog # : DI0172

規格 : [1 Set]

List All

Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the MAPK12 protein, and the other against the DLG1 protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

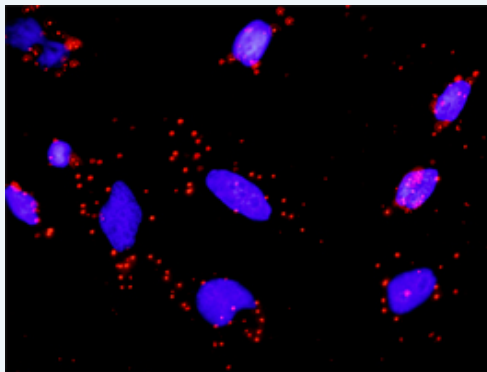
Application Image

In situ Proximity Ligation Assay (Cell)



Reactivity: Human

Quality Control Testing: Protein protein interaction immunofluorescence result.



Representative image of Proximity Ligation Assay of protein-protein interactions between MAPK12 and DLG1. HeLa cells were stained with anti-MAPK12 rabbit purified polyclonal antibody 1:1200 and anti-DLG1 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. MAPK12 rabbit purified polyclonal antibody (20 ug)
 2. DLG1 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.

MSDS:  [Download](#)

Publication Reference

1. [An analysis of protein-protein interactions in cross-talk pathways reveals CRKL as a novel prognostic marker in hepatocellular carcinoma.](#)
Liu CH, Chen TC, Chau GY, Jan YH, Chen CH, Hsu CN, Lin KT, Juang YL, Lu PJ, Cheng HC, Chen MH, Chang CF, Ting YS, Kao CY, Hsiao M, Huang CY. Mol Cell Proteomics. 2013 Feb 8. [Epub ahead of print]

Applications

In situ Proximity Ligation Assay (Cell)

[DLG1](#) [MAPK12](#)

Gene Information

Entrez GeneID: [6300](#)

Gene Name: MAPK12

Gene Alias: ERK3,ERK6,P38GAMMA,PRKM12,SAPK-3,SAPK3

Gene Description: mitogen-activated protein kinase 12

Omim ID: [602399](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Activation of members of the mitogen-activated protein kinase family is a major mechanism for transduction of extracellular signals. Stress-activated protein kinases are one subclass of MAP kinases. The protein encoded by this gene functions as a signal transducer during differentiation of myoblasts to myotubes. [provided by RefSeq]

Other Designations: mitogen-activated protein kinase 3, stress-activated protein kinase 3

Gene Information

Entrez GeneID: [1739](#)

Gene Name: DLG1

Gene Alias: DKFZp761P0818,DKFZp781B0426,DLGH1,SAP-97,SAP97,dJ1061C18.1.1,hdlg

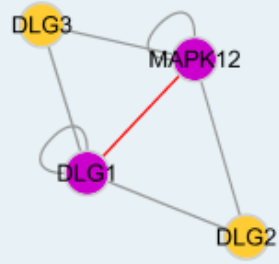
Gene Description: discs, large homolog 1 (Drosophila)

Omim ID: [601014](#)

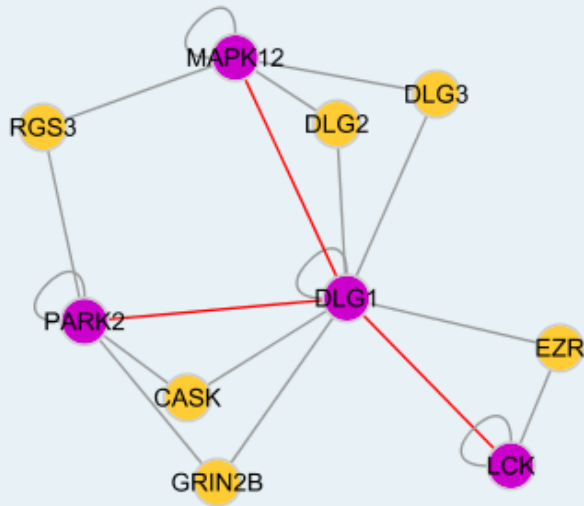
Gene Ontology: [Hyperlink](#)

Other Designations: OTTHUMP00000165202, discs large homolog 1, discs, large homolog 1, presynaptic protein SAP97, synapse-associated protein 97

Interactome 1



Interactome 2



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