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Zuschläge

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- Expressversand

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GP1BA & FLNA Protein Protein Interaction Antibody Pair

Catalog # : DI0203

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 GP1BA protein, and the other against the FLNA protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

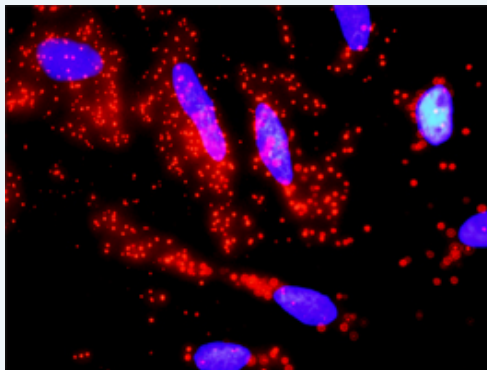
Application Image

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 GP1BA and FLNA. HeLa cells were stained with anti-GP1BA rabbit purified polyclonal antibody 1:1200 and anti-FLNA 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. GP1BA rabbit purified polyclonal antibody (20 ug)
 2. FLNA 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)

[FLNA](#) [GP1BA](#)

Gene Information

Entrez GeneID: [2811](#)

Gene Name: GP1BA

Gene Alias: BSS,CD42B,CD42b-alpha,GP1B,MGC34595

Gene Description: glycoprotein Ib (platelet), alpha polypeptide

Omim ID: [177820](#), [231200](#), [258660](#), [606672](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Glycoprotein Ib (GP Ib) is a platelet surface membrane glycoprotein composed of a heterodimer, an alpha chain and a beta chain, that are linked by disulfide bonds. The Gp Ib functions as a receptor for von Willebrand factor (VWF). The complete receptor complex includes noncovalent association of the alpha and beta subunits with platelet glycoprotein IX and platelet glycoprotein V. The binding of the GP Ib-IX-V complex to VWF facilitates initial platelet adhesion to vascular subendothelium after vascular injury, and also initiates signaling events within the platelet that lead to enhanced platelet activation, thrombosis, and hemostasis. This gene encodes the alpha subunit. Several polymorphisms and mutations have been described in this gene, some of which are the cause of Bernard-Soulier syndromes and platelet-type von Willebrand disease. [provided by RefSeq]

Other Designations: platelet glycoprotein Ib alpha polypeptide,platelet membrane glycoprotein 1b-alpha subunit

Gene Information

Entrez GeneID: [2316](#)

Gene Name: FLNA

Gene Alias: ABP-280,ABPX,DKFZp434P031,FLN,FLN1,FMD,MNS,NHBP,OPD,OPD1,OPD2

Gene Description: filamin A, alpha (actin binding protein 280)

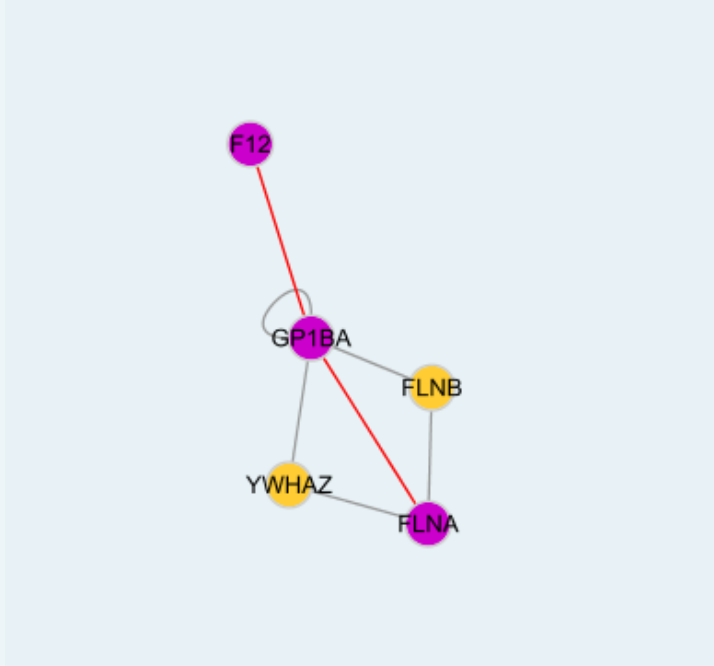
Omim ID: [300017](#), [300049](#), [300537](#), [304120](#), [309350](#), [311300](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is an actin-binding protein that crosslinks actin filaments and links actin filaments to membrane glycoproteins. The encoded protein is involved in remodeling the cytoskeleton to effect changes in cell shape and migration. This protein interacts with integrins, transmembrane receptor complexes, and second messengers. Defects in this gene are a cause of several syndromes, including periventricular nodular heterotopias (PVNH1, PVNH4), otopalatodigital syndromes (OPD1, OPD2), frontometaphyseal dysplasia (FMD), Melnick-Needles syndrome (MNS), and X-linked congenital idiopathic intestinal pseudoobstruction (CIIPX). Two transcript variants encoding different isoforms have been found for this gene

Other Designations: OTTHUMP00000024320,actin-binding protein 280,filamin 1,filamin A, alpha

Interactome 1



Interactome 2

