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SMURF1 & ECSIT Protein Protein Interaction Antibody Pair

Catalog # : DI0155

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 SMURF1 protein, and the other against the ECSIT protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

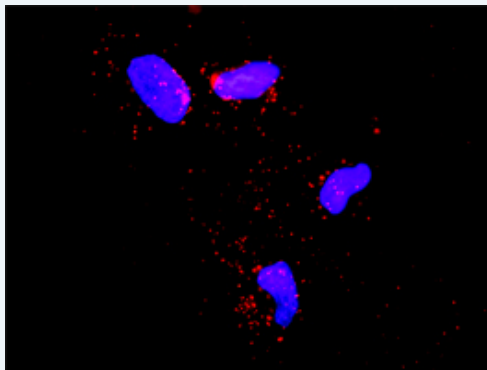


Application Image

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 SMURF1 and ECSIT. HeLa cells were stained with anti-SMURF1 rabbit purified polyclonal antibody 1:1200 and anti-ECSIT 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. SMURF1 rabbit purified polyclonal antibody (20 ug)
 2. ECSIT 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)

[ECSIT](#) [SMURF1](#)

Gene Information

Entrez GeneID: [57154](#)

Gene Name: SMURF1

Gene Alias: KIAA1625

Gene Description: SMAD specific E3 ubiquitin protein ligase 1

Omim ID: [605568](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a ubiquitin ligase that is specific for receptor-regulated SMAD proteins in the bone morphogenetic protein (BMP) pathway. A similar protein in *Xenopus* is involved in embryonic pattern formation. Alternative splicing results in multiple transcript variants encoding different isoforms. An additional transcript variant has been identified, but its full length sequence has not been determined. [provided by RefSeq]

Other Designations: E3 ubiquitin ligase SMURF1, Smad ubiquitination regulatory factor 1, Smad-specific E3 ubiquitin ligase 1

Gene Information

Entrez GeneID: [51295](#)

Gene Name: ECSIT

Gene Alias: SITPEC

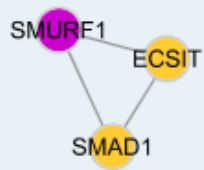
Gene Description: ECSIT homolog (*Drosophila*)

Omim ID: [608388](#)

Gene Ontology: [Hyperlink](#)

Other Designations: evolutionarily conserved signaling intermediate in Toll pathway, likely ortholog of mouse signaling intermediate in Toll pathway evolutionarily conserved, signaling intermediate in Toll pathway evolutionarily conserved ortholog, signaling intermediate in Tol

Interactome



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