

# Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



# Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

# Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

## SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic in





## **CBL & MET Protein Protein Interaction Antibody Pair**

Catalog #: DI0566 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 CBL protein, and the other against the MET protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

## **Application Image**

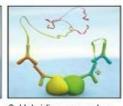
In situ Proximity Ligation Assay (Cell)



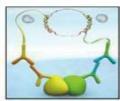
 Incubate with target primary antibodies



2. Add PLA probes PLUS and MINUS



3. Hybridize connector oligos



 Ligation to form a complete DNA circle



Rolling circle amplification



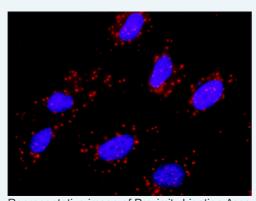
Add fluorescent probes
 to reveal interaction

### Reactivity:

Human

# Quality Contro

Quality Control Protein protein interaction immunofluorescence result.



Representative image of Proximity Ligation Assay of protein-protein interactions between CBL and MET. HeLa cells were stained with anti-CBL rabbit purified polyclonal antibody 1:1200 and anti-MET mouse purified polyclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex. The images were analyzed using an optimized freeware (<a href="Moleon Independent Suppose I

# Supplied Product:

Antibody pair set content:

- 1. CBL rabbit purified polyclonal antibody (20 ug)
- 2. MET mouse purified polyclonal 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 -

**Download** 

#### **Publication Reference**

 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)

CBL MET

### **Gene Information**

Entrez GeneID: 867

Gene Name: CBL

Gene Alias: C-CBL,CBL2,RNF55

Gene Cas-Br-M (murine) ecotropic retroviral transforming sequence

**Description:** 

Omim ID: <u>165360</u>

Gene Ontology: Hyperlink

Gene Summary: The cbl oncogene was first identified as part of a transforming retrovirus

which induces mouse pre-B and pro-B cell lymphomas. As an adaptor protein for receptor protein-tyrosine kinases, it positively regulates receptor protein-tyrosine kinase ubiquitination in a manner dependent upon its variant SH2 and RING finger domains. Ubiquitination of receptor protein-tyrosine kinases terminates signaling by marking active

receptors for degradation. [provided by RefSeq

Other oncogene CBL2

**Designations:** 

### **Gene Information**

Entrez GenelD: 4233

Gene Name: MET

Gene Alias: AUTS9,HGFR,RCCP2,c-Met

**Gene** met proto-oncogene (hepatocyte growth factor receptor)

**Description:** 

Omim ID: <u>114550, 164860, 605074, 611015</u>

Gene Ontology: Hyperlink

**Gene Summary:** The proto-oncogene MET product is the hepatocyte growth factor

receptor and encodes tyrosine-kinase activity. The primary single chain precursor protein is post-translationally cleaved to produce the alpha and beta subunits, which are disulfide linked to form the mature receptor. Various mutations in the MET gene are associated with papillary renal carcinoma. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq

Page 2 of 3 2016/5/20

Other Designations: oncogene,met proto-oncogene tyrosine kinase,oncogene MET,scatter factor receptor

Interactome

HGF receptor,OTTHUMP00000069168,SF receptor,met proto-oncogene MET,scatter factor receptor

Interactome

服務條款 | 隱私權政策 | 著作及商標 | 網站地圖

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.

Page 3 of 3 2016/5/20