



# SZABO SCANDIC

Part of Europa Biosite

## 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

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## ITPKB (Human) Matched Antibody Pair

Catalog # : H00003707-AP51

規格 : [ 1 Set ]

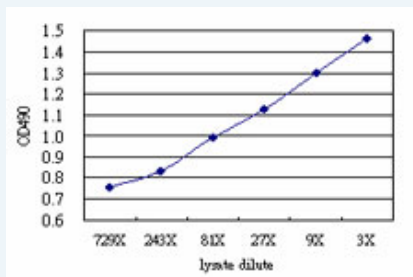
[List All](#)

### Specification

**Product Description:** This antibody pair set comes with matched antibody pair to detect and quantify protein level of human ITPKB.

**Reactivity:** Human

**Quality Control Testing:** Standard curve using ITPKB 293T overexpression lysate (non-denatured) as an analyte.



Sandwich ELISA detection sensitivity ranging from approximately 81x to 3x dilution of the ITPKB 293T overexpression lysate (non-denatured).

**Supplied Product:** Antibody pair set content:  
 1. Capture antibody: mouse monoclonal anti-ITPKB (100 ug)  
 2. Detection antibody: rabbit purified polyclonal anti-ITPKB (50 ug)  
 \*Reagents are sufficient for at least 3-5 x 96 well plates 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](#)

### Applications

ELISA Pair (Transfected lysate)

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [3707](#)

**Gene Name:** ITPKB

**Gene Alias:** IP3K,IP3K-B,IP3KB,PIG37

**Gene Description:** inositol 1,4,5-trisphosphate 3-kinase B

**Omim ID:** [147522](#)

**Gene Ontology:** [Hyperlink](#)

### Application Image

ELISA Pair (Transfected lysate)

**Gene Summary:** The protein encoded by this protein regulates inositol phosphate metabolism by phosphorylation of second messenger inositol 1,4,5-trisphosphate to Ins(1,3,4,5)P4. The activity of this encoded protein is responsible for regulating the levels of a large number of inositol polyphosphates that are important in cellular signaling. Both calcium/calmodulin and protein phosphorylation mechanisms control its activity. [provided by RefSeq]

**Other Designations:** 1D-myo-inositol-trisphosphate 3-kinase B,IP3 3-kinase,OTTHUMP00000035705,proliferation-inducing protein 37

#### Gene Pathway

[Calcium signaling pathway](#) [Inositol phosphate metabolism](#) [Metabolic pathways](#)  
[Phosphatidylinositol signaling system](#)

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