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Datasheet for ABIN5005404

## anti-Importin 9 antibody (AA 601-729) (Alexa Fluor 680)

### Overview

Quantity:	100 µL
Target:	Importin 9 (IPO9)
Binding Specificity:	AA 601-729
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Importin 9 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Importin 9
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	Importin 9 (IPO9)
Alternative Name:	Importin 9 ( <a href="#">IPO9 Products</a> )

## Target Details

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**Background:** Synonyms: B cell antigen receptor Ig beta associated protein 1, BPM 90, BPM L, BPM-L, BPM90, BPML, IBAP 1, Imp 9, Importin 9, Importin9, Importin-9, Novel centrosomal protein RanBPM, RAN binding protein 9, Ran binding protein centrosomal, Ran binding protein M, Ran BP9, Ran-binding protein 9, Ran-binding protein M, RANB9\_HUMAN, RanBP 7, RANBP 9, RanBP7, RanBP9, RanBPM.

**Background:** May act as an adapter protein to couple membrane receptors to intracellular signaling pathways. May be involved in signaling of ITGB2/LFA-1 and other integrins. Enhances HGF-MET signaling by recruiting Sos and activating the Ras pathway. Involved in activation of androgen and glucocorticoid receptor in the presence of their cognate hormones. Stabilizes TP73 isoform Alpha, probably by inhibiting its ubiquitination, and increases its proapoptotic activity. Inhibits the kinase activity of DYRK1A and DYRK1B. Inhibits FMR1 binding to RNA. **Tissue specificity:** Ubiquitously expressed, with highest levels in testes, placenta, heart, and muscle, and lowest levels in lung. Within the brain, expressed predominantly by neurons in the gray matter of cortex, the granular layer of cerebellum and the Purkinje cells.

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**Gene ID:** 10048

**Pathways:** [Protein targeting to Nucleus](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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## Handling

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months