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# CXXC5 Rabbit pAb

CatalogNo: YN6019

## Key Features

Host Species • Rabbit	<ul><li>Reactivity</li><li>Human,Mouse,Rat</li></ul>	Applications • WB
MW • 35kD (Calculated)	Isotype • IgG	

#### **Recommended Dilution Ratios**

WB 1:500-2000

#### **Storage**

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### **Basic Information**

Clonality Polyclonal

#### Immunogen Information

Immunogen	Synthesized peptide derived from human CXXC5
Specificity	This antibody detects endogenous levels of CXXC5 at Human, Mouse,Rat

#### **Target Information**

Gene name CXXC5 HSPC195 TCCCIA00297

CXXC-type zinc finger protein 5 (CF5) (Putative MAPK-activating protein PM08) (Putative NF-kappa-B-activating protein 102) (Retinoid-inducible nuclear factor) (RINF)

Organism	Gene ID	UniProt ID
Human	<u>51523;</u>	<u>Q7LFL8;</u>
Mouse	<u>67393;</u>	<u>Q91WA4;</u>
Rat	<u>291670;</u>	<u>Q5XIQ3;</u>

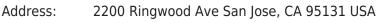
CellularNucleus . Cytoplasm . Colocalizes with DVL1 in large bodies localized just outside the<br/>nuclear membrane. .

**Function** May indirectly participate in activation of the NF-kappa-B and MAPK pathways. Acts as a mediator of BMP4-mediated modulation of canonical Wnt signaling activity in neural stem cells (By similarity). Required for DNA damage-induced ATM phosphorylation, p53 activation and cell cycle arrest. Involved in myelopoiesis. Transcription factor. Binds to the oxygen responsive element of COX4I2 and represses its transcription under hypoxia conditions (4% oxygen), as well as normoxia conditions (20% oxygen). May repress COX4I2 transactivation induced by CHCHD2 and RBPJ. Binds preferentially to DNA containing cytidine-phosphate-guanosine (CpG) dinucleotides over CpH (H=A, T, and C), hemimethylated-CpG and hemimethylated-hydroxymethyl-CpG.

# Validation Data

#### **Contact information**

Orders:	order.cn@immunoway.com
Support:	support.cn@immunoway.com
Telephone:	400-8787-807(China)
Website:	http://www.immunoway.com.cn





Please scan the QR code to access additional product information: **CXXC5 Rabbit pAb** 

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