

## CXXC5 Rabbit pAb

CatalogNo: YN6019

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### 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

**Protein Name** 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	<a href="#">51523</a> ;	<a href="#">Q7LFL8</a> ;
Mouse	<a href="#">67393</a> ;	<a href="#">Q91WA4</a> ;
Rat	<a href="#">291670</a> ;	<a href="#">Q5XIQ3</a> ;

**Cellular Localization** Nucleus . Cytoplasm . Colocalizes with DVL1 in large bodies localized just outside the 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

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**CXXC5 Rabbit pAb**

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