

Rabbit CXXC5 Polyclonal Antibody | anti-CXXC5 antibody

CXXC5 Antibody

CATALOG # AAA323202	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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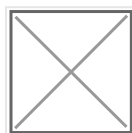
PRODUCT SYNONYMS

CXXC5; Polyclonal Antibody; CXXC5 Antibody; CF5; CXXC finger 5 protein; CXXC finger protein 5; CXXC-type zinc finger protein 5; CXXC5_HUMAN; HSPC195; Putative MAPK-activating protein PM08; Putative NF-kappa-B-activating protein 102; retinoid-inducible nuclear factor; RINF; TCCCA00297; WID; WT1-induced Inhibitor of Dishevelled; anti-CXXC5 antibody

PRODUCT SPECIFICATIONS

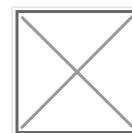
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CXXC5 antibody detects endogenous levels of CXXC5.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	322
Applicable Applications for anti-CXXC5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CXXC5.
Subcellular Location	Nucleus. Cytoplasm. Colocalizes with DVL1 in large bodies localized just outside the nuclear membrane.
Tissue Specificity	By retinoic acid.
Predicted Cross Reactivity	Pig, Bovine, Horse, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Dog (100%), Chicken (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of SH-SY5Y cells, using CXXC5 antibody.



IHC (Immunohistochemistry)

AAA323202 at 1/100 staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CXXC5 antibody	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) (PubMed:23303788). May repress COX4I2 transactivation induced by CHCHD2 and RBPJ (PubMed:23303788). Subunit Structure: Interacts with DVL1. Interacts with RBPJ (PubMed:23303788).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	953953846
NCBI GeneID	51523
NCBI Accession #	NP_001304128.1
NCBI GenBank Nucleotide #	NM_001317199.1
UniProt Accession #	Q7LFL8; Q8TB79; Q9NV51; Q9P0S8; B3KND0; C8CBA8
Molecular Weight	Observed: 35-40 kDa Predicted: 33 kDa
NCBI Official Full Name	CXXC-type zinc finger protein 5
NCBI Official Synonym Full Names	CXXC finger protein 5
NCBI Official Symbol	CXXC5
NCBI Official Synonym Symbols	CF5; WID; RINF; HSPC195
NCBI Protein Information	CXXC-type zinc finger protein 5
UniProt Protein Name	CXXC-type zinc finger protein 5
UniProt Gene Name	CXXC5
UniProt Synonym Gene Names	CF5; RINF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cxxc5-antibody-immunohistochemistry-western-blot-elisa/323202>