

CXXC5 Recombinant antibody

Catalog Number: 83940-7-RR

Basic Information

Catalog Number:

83940-7-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9733

GenBank Accession Number:

BC017439

GeneID (NCBI):

51523

UNIPROT ID:

Q7LFL8

Full Name:

CXXC finger 5

Calculated MW:

322aa, 33 kDa; 227aa, 24 kDa

Observed MW:

33-40 kDa

Purification Method:

Protein A purification

CloneNo.:

241034A6

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells, K-562 cells, mouse kidney tissue

Background Information

CXXC5 (CXXC-type zinc finger protein 5) is also named as HSPC195, RINF and TCCCA00297. CXXC5 is a member of the CXXC-type zinc-finger protein family. CXXC5 is a short protein (322 amino acids in length) that does not have any catalytic domain, but is able to bind to DNA and act as a transcription factor and epigenetic factor through protein-protein interactions. In addition, CXXC5 is capable of regulating various signal transduction processes, including the TGF- β , Wnt and ATM-p53 pathways, thereby acting as a novel and crucial signaling coordinator. CXXC5 plays an important role in embryonic development and adult tissue homeostasis by regulating cell proliferation, differentiation and apoptosis (PMID: 30479059). CXXC5 has two isoforms of 33 kDa and 24 kDa (PMID: 25805812).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

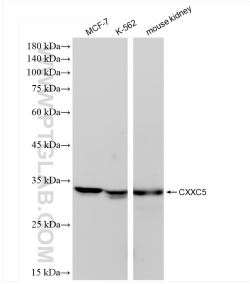
For technical support and original validation data for this product please contact:

T: 4006900926

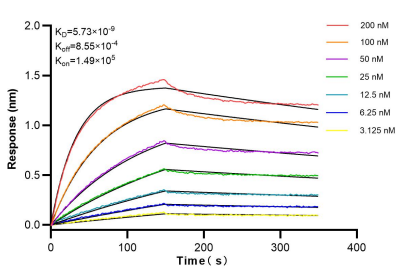
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83940-7-RR (CXXC5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83940-7-RR against Human CXXC5 were performed. The affinity constant is 5.73 nM.