

ZNF25 (C-12): sc-244769



The Power to Question

BACKGROUND

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. As a member of the krueppel C₂H₂-type zinc-finger protein family, ZNF25 (zinc finger protein 25), also known as zinc finger protein KOX19, is a 456 amino acid nuclear protein that contains one KRAB domain and 12 C₂H₂-type zinc fingers. The gene encoding ZNF25 maps to a region of human chromosome 10 that has been a loci of interest for multiple endocrine neoplasia type 2A and 2B. There are two isoforms of ZNF25 that are produced as a result of alternative splicing events.

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CHROMOSOMAL LOCATION

Genetic locus: ZNF25 (human) mapping to 10p11.1.

SOURCE

ZNF25 (C-12) is an affinity purified goat polyclonal antibody raised against a peptide mapping at the C-terminus of ZNF25 of human origin.

PRODUCT

Each vial contains 200 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-244769 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

NF25 (C-12) is recommended for detection of ZNF25 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000); non cross-reactive with other ZNF family members.

Suitable for use as control antibody for ZNF25 siRNA (h): sc-90644, ZNF25 shRNA Plasmid (h): sc-90644-SH and ZNF25 shRNA (h) Lentiviral Particles: sc-90644-V.

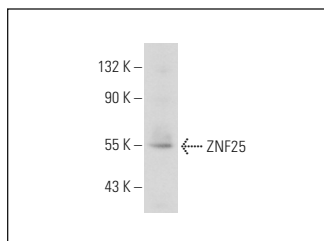
Molecular Weight of ZNF25 isoforms: 54/43 kDa.

Positive Controls: Hep G2 cell lysate: sc-2227 or THP-1 cell lysate: sc-2238.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use donkey anti-goat IgG-HRP: sc-2020 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible donkey anti-goat IgG-HRP: sc-2033 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml). 3) Immunofluorescence: use donkey anti-goat IgG-FITC: sc-2024 (dilution range: 1:100-1:400) or donkey anti-goat IgG-TR: sc-2783 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

DATA



ZNF25 (C-12): sc-244769. Western blot analysis of ZNF25 expression in THP-1 whole cell lysate.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.