

# ZNF25 (W-23): sc-134178



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 C<sub>2</sub>H<sub>2</sub>-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 C<sub>2</sub>H<sub>2</sub>-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.

## REFERENCES

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## CHROMOSOMAL LOCATION

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

## RESEARCH USE

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

## SOURCE

ZNF25 (W-23) is a Protein A purified rabbit polyclonal antibody raised against synthetic ZNF25 peptide of human origin.

## PRODUCT

Each vial contains 100 µg IgG in 1.0 ml PBS with < 0.1% sodium azide, 0.1% gelatin and < 0.02% sucrose.

## APPLICATIONS

ZNF25 (W-23) is recommended for detection of ZNF25 of human and canine 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)] and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

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.

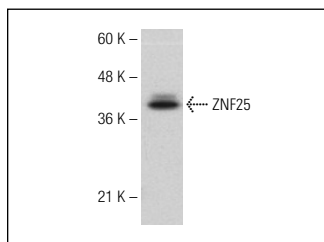
Molecular Weight of ZNF25 isoforms: 54/43 kDa.

Positive Controls: Hep G2 cell lysate: sc-2227.

## RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use goat anti-rabbit IgG-HRP: sc-2004 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible goat anti-rabbit IgG-HRP: sc-2030 (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).

## DATA



ZNF25 (W-23): sc-134178. Western blot analysis of ZNF25 expression in Hep G2 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.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) or our catalog for detailed protocols and support products.