

Anti-ZNF76 antibody

Cat. No.	ml163146
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ZNF76 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human ZNF76
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ZNF76
Full name	zinc finger protein 76
Synonyms	ZNF523; Zfp523; D6S229E
Swissprot	P36508

Target Background

ZNF76, also known as ZNF523 or Zfp523, is a transcriptional repressor expressed in the testis. It is the human homolog of the *Xenopus* Staf protein (selenocysteine tRNA gene transcription-activating factor) known to regulate the genes encoding small nuclear RNA and selenocysteine tRNA. ZNF76 localizes to the nucleus and exerts an inhibitory function on p53-mediated transactivation. ZNF76 specifically targets TFIID (TATA-binding protein). The interaction with TFIID occurs through both its N and C termini. The transcriptional repression activity of ZNF76 is predominantly regulated by lysine modifications, acetylation and sumoylation. ZNF76 is sumoylated by PIAS 1 and is acetylated by p300. Acetylation leads to the loss of sumoylation and a weakened TFIID interaction. ZNF76 can be deacetylated by HDAC1. In addition to lysine modifications, ZNF76 activity is also controlled by splice variants. Two isoforms exist due to alternative splicing. These isoforms vary in their ability to interact with TFIID.

订购热线: 4008-898-798

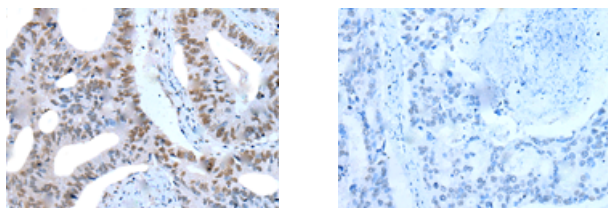
Applications

Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human colorectal cancer

Recommended dilution: 20-100



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ml163146(ZNF76 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 62 kDa

Positive control: K562 cell lysate

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

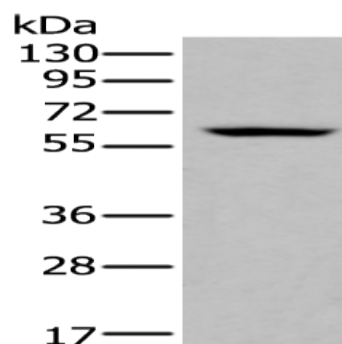
Lysate: 40 μ g

Lane: K562 cell lysate

Primary antibody: ml163146(ZNF76 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 5000-10000

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