

Product datasheet for **TA365380**

ZNF131 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Hela and Jurkat cell lysates□Rat brain tissue and Human testis tissue lysates IHC: 25-100 Positive control: Human colorectal cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ZNF131
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	71 kDa
Gene Name:	zinc finger protein 131
Database Link:	Entrez Gene 7690 Human P52739



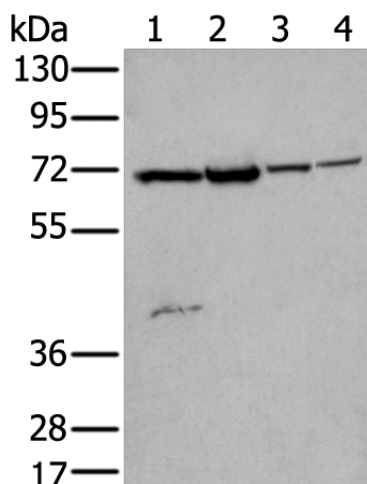
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Background:

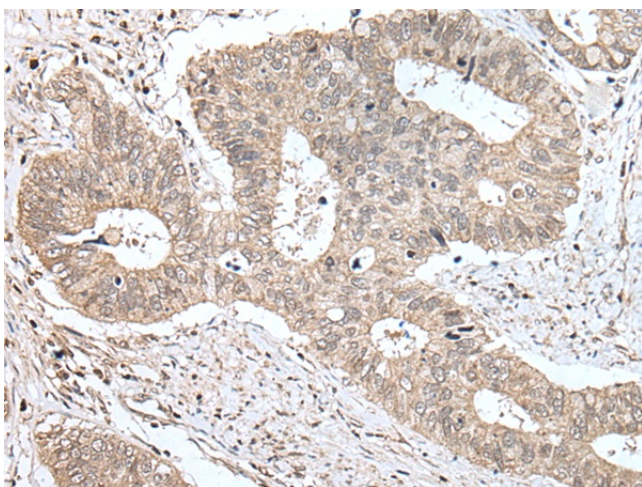
Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. As a member of the krueppel C2H2-type zinc-finger protein family, ZNF131 (Zinc finger protein 131) is a 623 amino acid nuclear protein that contains one BTB (POZ) domain and six C2H2-type zinc fingers. With predominant expression found in brain, it is likely that ZNF131 plays a role as a transcription regulator during development and organogenesis of the adult central nervous system. ZNF131 also represses ER α (Estrogen receptor alpha)-mediated transactivation by interrupting ER α binding to the estrogen-response element. There are two isoforms of ZNF131 that are produced as a result of alternative splicing events.

Synonyms:

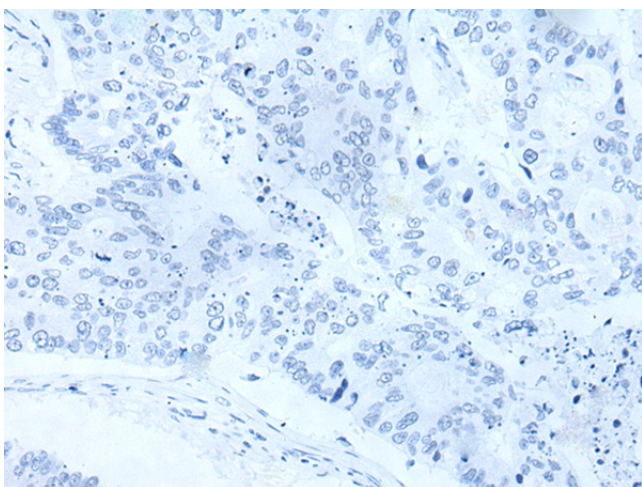
pHZ-10

Product images:


Gel: 6%SDS-PAGE
Lysate: 40 μ g
Lane 1-4: HeLa and Jurkat cell lysates
Rat brain tissue and Human testis tissue lysates
Primary antibody: TA365380 (ZNF131 Antibody)
at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 15 seconds



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA365380 (ZNF131 Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA365380 (ZNF131 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: $\times 200$)