ZNF131 Antibody

Catalog No: #43572

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

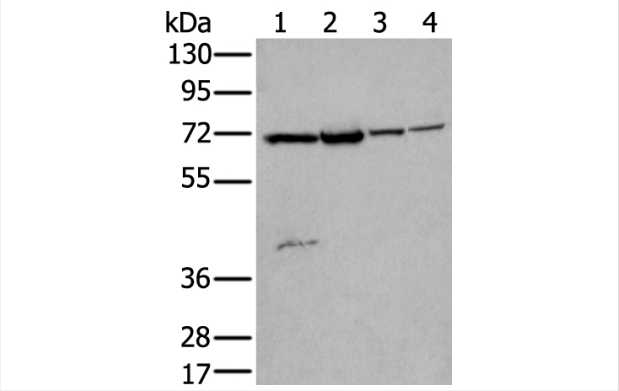
Product Name	ZNF131 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ZNF131 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human ZNF131
Target Name	ZNF131
Other Names	ZBTB35; pHZ-10
Accession No.	Swiss-Prot#: P52739NCBI Gene ID: 7690
Uniprot	P52739
GeneID	7690;
Calculated MW	71kd
Concentration	0.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

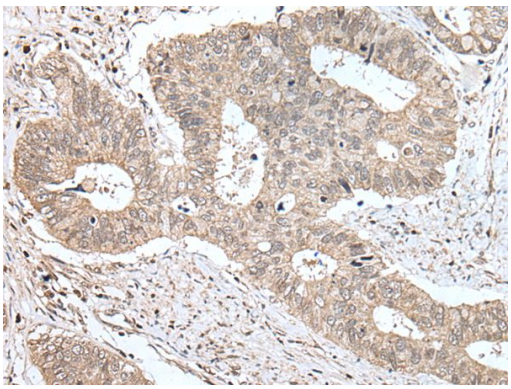
Western blotting: 1:200-1000

Immunohistochemistry: 1: 20-100

Images



Gel: 6%SDS-PAGE
Lysate: 40 µg, Lane 1-4: Hela and Jurkat cell lysatesB£B¬Rat brain tissue and Human testis tissue lysates,
Primary antibody:ZNF131 antibody at dilution 1/200,
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
Exposure time: 15 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ZNF131 Antibody at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)

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 KrB¨B'Hppel-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? (Estrogen receptor alpha)-mediated transactivation by interrupting ER? binding to the estrogen-response element. There are two isoforms of ZNF131 that are produced as a result of alternative splicing events.

Note: This product is for in vitro research use only