ZBTB44 Antibody

Catalog No: #46715

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

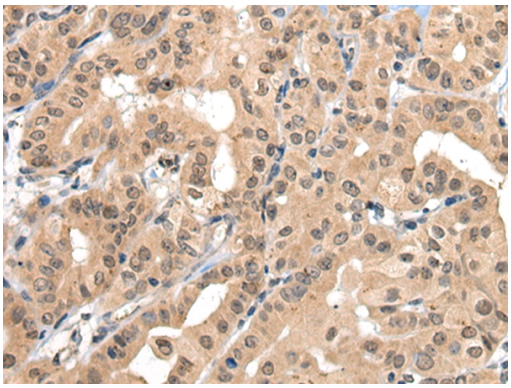
Description

Product Name	ZBTB44 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ZBTB44 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic protein corresponding to residues near the C terminal of human ZBTB44
Target Name	ZBTB44
Other Names	BTBD15; ZNF851; HSPC063
Accession No.	Swiss-Prot:Q8NCP5NCBI Gene ID:29068NCBI Protein:BC030580
Uniprot	Q8NCP5
GeneID	29068;
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

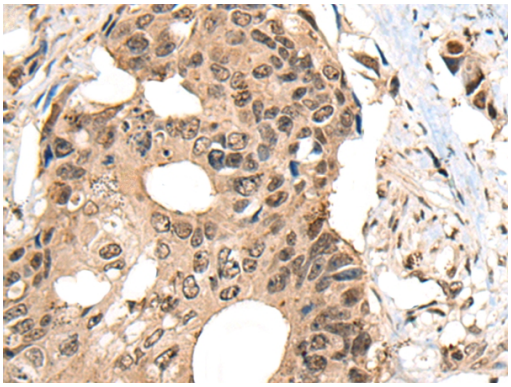
Application Details

Immunohistochemistry: 1: 30-150

Images



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46715(ZBTB44 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 46715(ZBTB44 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. Zinc finger and BTB domain-containing protein 44 (ZBTB44), also known as BTBD15, is a 570 amino acid member of the KrB¨B΄Hppel C2H2-type zinc-finger protein family. Localized to the nucleus, ZBTB44 contains a BTB domain, also known as a POZ domain, which inhibits DNA binding and mediates homotypic and heterotypic dimerization. Characteristics of the BTB domain suggest that ZBTB44 functions as a transcription regulator. Four isoforms of ZBTB44 have been identified.

Note: This product is for in vitro research use only