

Product datasheet for **TA369847**

BTBD15 (ZBTB44) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 30-150 Positive control: Human thyroid cancer Predicted cell location: Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ZBTB44
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
Gene Name:	zinc finger and BTB domain containing 44
Database Link:	Entrez Gene 29068 Human Q8NCP5



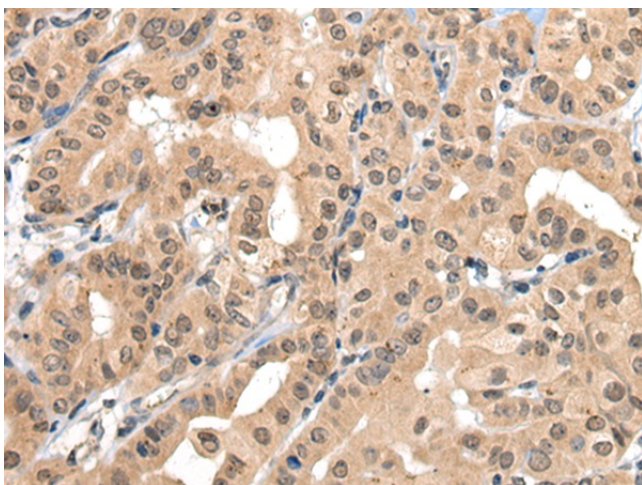
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Background:

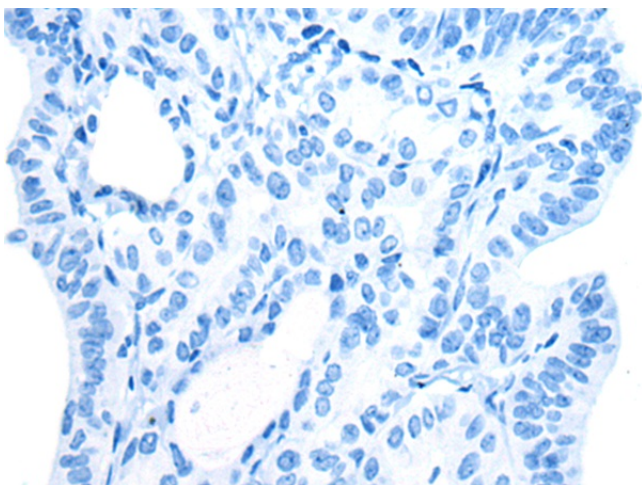
Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. Zinc finger and BTB domain-containing protein 44 (ZBTB44), also known as BTBD15, is a 570 amino acid member of the Krüppel 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.

Synonyms:

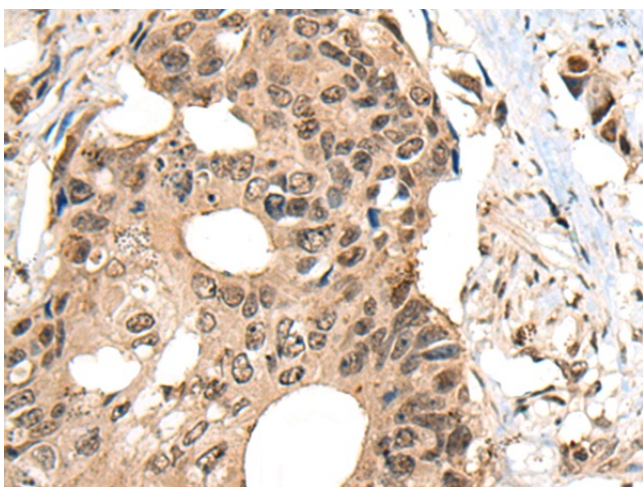
BTBD15; HSPC063; MGC26123; MGC57431; MGC60348; MGC88058; ZNF851

Product images:

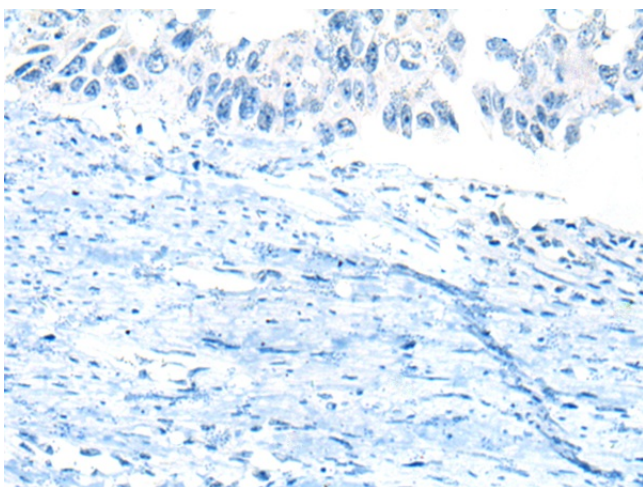
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA369847 (ZBTB44 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA369847 (ZBTB44 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA369847 (ZBTB44 Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA369847 (ZBTB44 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: $\times 200$)