


Anti-TRIM33 antibody ab84455

★★★★★ [1 Abreviews](#) [2 References](#) [3 图像](#)

概述

产品名称	Anti-TRIM33抗体
描述	兔多克隆抗体to TRIM33
宿主	Rabbit
经测试应用	适用于: IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Dog, Turkey, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Xenopus tropicalis, Platypus 
免疫原	Synthetic peptide within Human TRIM33 aa 1077-1127 (C terminal). The exact sequence is proprietary. Database link: NP_056990.3
阳性对照	Human: prostate or colon adenocarcinoma. Mouse: teratoma.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab84455于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P	★★★★★ (1)	

应用说明

IHC-P: 1/100 - 1/500. Antigen retrieval with citrate buffer will enhance staining.
Note: likely to work with frozen sections.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

靶标

功能

Acts as an E3 ubiquitin-protein ligase. Promotes SMAD4 ubiquitination, nuclear exclusion and degradation via the ubiquitin proteasome pathway. According to PubMed:16751102, does not promote a decrease in the level of endogenous SMAD4. May act as a transcriptional repressor. Inhibits the transcriptional response to TGF-beta/BMP signaling cascade. Plays a role in the control of cell proliferation. Its association with SMAD2 and SMAD3 stimulates erythroid differentiation of hematopoietic stem/progenitor (By similarity). Monoubiquitinates SMAD4 and acts as an inhibitor of SMAD4-dependent TGF-beta/BMP signaling cascade (Monoubiquitination of SMAD4 hampers its ability to form a stable complex with activated SMAD2/3 resulting in inhibition of TGF-beta/BMP signaling cascade).

组织特异性

Expressed in stem cells at the bottom of the crypts of the colon (at protein level). Expressed in colon adenomas and adenocarcinomas (at protein level). Expressed in brain, lung, liver, spleen, thymus, prostate, kidney, testis, heart, placenta, pancreas, small intestine, ovary, colon, skeletal muscle and hematopoietic progenitors.

通路

Protein modification; protein ubiquitination.

疾病相关

Defects in TRIM33 are a cause of thyroid papillary carcinoma (TPC) [MIM:188550]. TPC is a common tumor of the thyroid that typically arises as an irregular, solid or cystic mass from otherwise normal thyroid tissue. Papillary carcinomas are malignant neoplasm characterized by the formation of numerous, irregular, finger-like projections of fibrous stroma that is covered with a surface layer of neoplastic epithelial cells. Note=A chromosomal aberration involving TRIM33 is found in thyroid papillary carcinomas. Translocation t(1;10)(p13;q11) with RET. The translocation generates the TRIM33/RET (PTC7) oncogene.

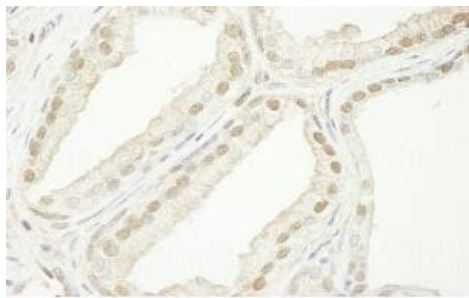
序列相似性

Belongs to the TRIM/RBCC family.
Contains 2 B box-type zinc fingers.
Contains 1 bromo domain.
Contains 1 PHD-type zinc finger.
Contains 1 RING-type zinc finger.

细胞定位

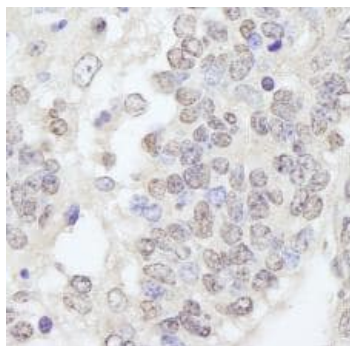
Nucleus. In discrete nuclear dots resembling nuclear bodies.

图片



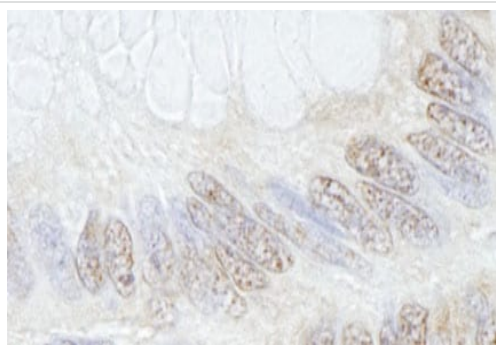
Immunohistochemistry analysis of formalin-fixed, paraffin-embedded Human prostate adenocarcinoma using 1/250 ab84455, followed by DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRIM33 antibody (ab84455)



Immunohistochemistry analysis of formalin-fixed, paraffin-embedded Mouse teratoma tissue using 1/250 ab84455, followed by DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRIM33 antibody (ab84455)



Immunohistochemistry analysis of formalin-fixed, paraffin-embedded Human colon adenocarcinoma tissue using 1/250 ab84455, followed by DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRIM33 antibody (ab84455)

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