

Datasheet for ABIN2780580
anti-TRIP13 antibody (C-Term)

2 Images

[Go to Product page](#)

Overview

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| Quantity: | 100 µL |
| Target: | TRIP13 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat, Dog, Guinea Pig, Cow, Rabbit, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TRIP13 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the C terminal region of human TRIP13 |
| Sequence: | LSGRVLRKLP FLAHALYVQA PTVTIEGFLQ ALSLAVDKQF EERKKLAAYI |
| Predicted Reactivity: | Cow: 91%, Dog: 100%, Guinea Pig: 82%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 86% |
| Characteristics: | This is a rabbit polyclonal antibody against TRIP13. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Protein A purified |

Target Details

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| Target: | TRIP13 |
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Target Details

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| Alternative Name: | TRIP13 (TRIP13 Products) |
| Background: | <p>The thyroid hormone (T3) receptors (TRs) are hormone-dependent transcription factors that regulate expression of a variety of specific target genes. TRIP13 specifically interacts with the ligand binding domain of the TRs. It is a member of Trips (TR-interacting proteins) family. Nearly all of the Trips also show similar ligand-dependent interaction with the retinoid X receptor (RXR), but none interact with the glucocorticoid receptor under any conditions. Trips predict specific functional roles: one is an apparent human homolog of a yeast transcriptional coactivator, one is a new member of a class of nonhistone chromosomal proteins, and one contains a conserved domain associated with ubiquitination of specific target proteins.</p> <p>Alias Symbols: 16E1BP</p> <p>Protein Interaction Partner: KRTAP26-1, KRTAP12-1, KRTAP12-2, MORN3, TEX37, METTL15, MGAT5B, C4orf33, GLYCTK, M1AP, LRR1, LNX1, RHOF2, LOXL4, ZNF34, FNDC3B, TINAGL1, PBLD, SEMA4G, SPRYD7, PELI1, PLSCR3, PCMTD2, CYB5R2, AMDHD2, TNRC6A, DIP2A, DPYSL4, TRIP13, SIGLEC5, TPT1, SCP2, QARS</p> <p>Protein Size: 432</p> |
| Molecular Weight: | 49 kDa |
| Gene ID: | 9319 |
| NCBI Accession: | NM_004237 , NP_004228 |
| UniProt: | Q15645 |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 432 AA |
| Restrictions: | For Research Use only |

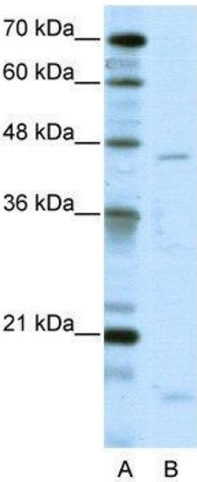
Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |

Handling

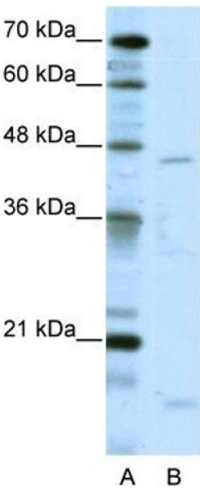
| | |
|--------------------|---|
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Images



Western Blotting

Image 1. WB Suggested Anti-TRIP13
Antibody Titration: 5.0 µg/mL ELISA Titer: 1:12500
Positive Control: HepG2 cell lysate
TRIP13 is supported by BioGPS gene expression data to be expressed in HepG2



Western Blotting

Image 2. WB Suggested Anti-TRIAntibody Titration: 5.0ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate TRLis supported by BioGPS gene expression data to be expressed in HepG2