

Datasheet for ABIN2777707
anti-TDP2 antibody (Middle Region)

3 Images

1 Publication

[Go to Product page](#)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | TDP2 |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Mouse, Rat, Rabbit, Cow, Dog, Horse, Guinea Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TDP2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

| | |
|-----------------------|--|
| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human TTRAP |
| Sequence: | IPPYYSYLKK RSSNYEITG HEEGYFTAIM LKKSrvKLKS QEIPFPSTK |
| Predicted Reactivity: | Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 86%, Rabbit: 100%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against TTRAP. It was validated on Western Blot and immunohistochemistry. |
| Purification: | Affinity Purified |

Target Details

| | |
|---------|------|
| Target: | TDP2 |
|---------|------|

Target Details

| | |
|-------------------|--|
| Alternative Name: | TTRAP (TDP2 Products) |
| Background: | <p>The TTRAP gene encodes a member of a superfamily of divalent cation-dependent phosphodiesterases. The encoded protein associates with CD40, tumor necrosis factor (TNF) receptor-75 and TNF receptor associated factors (TRAFs), and inhibits nuclear factor-kappa-B activation. This protein has sequence and structural similarities with APE1 endonuclease, which is involved in both DNA repair and the activation of transcription factors.</p> <p>Alias Symbols: TDP2, EAP2, AD022, EAPII, TTRAP, dJ30M3.3, RP1-30M3.3</p> <p>Protein Interaction Partner: UBC, SRPK2, SUMO1, SUMO2, SUMO3, TAP1, SKIL, ATXN1, PSEN1, SMAD3, EPS8, DLX3, ATP5G2, C2orf88, JAM2, SNX13, AKAP9, RAB11A, PARK7, MAPK6, UBE2I, TRAF5, TRAF6, TRAF3, TRAF2, FLI1, TNFRSF1B, ETS2, ETS1, TNFRSF8, CD40, HTNVsSgp1,</p> <p>Protein Size: 362</p> |
| Molecular Weight: | 41 kDa |
| Gene ID: | 51567 |
| NCBI Accession: | NM_016614 , NP_057698 |
| UniProt: | O95551 |

Application Details

| | |
|--------------------|--|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 362 AA |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|--|
| 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 |
| 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. |

Handling

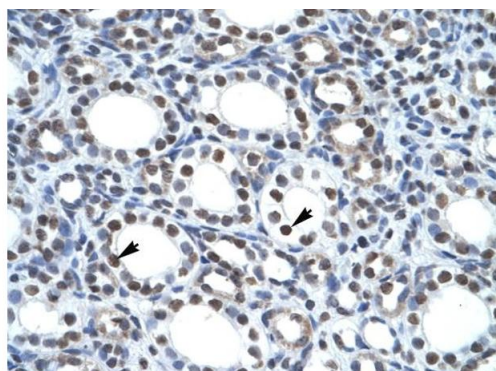
Storage: -20 °C

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.

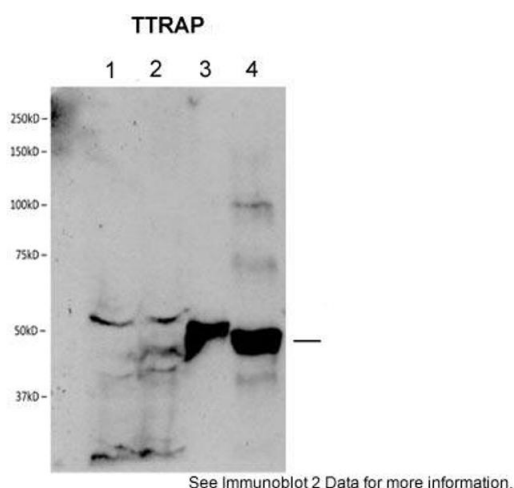
Publications

Product cited in: Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: **Diagnostic microbiology and infectious disease**, Vol. 55, Issue 1, pp. 55-8, (2006) ([PubMed](#)).

Images



Rabbit Anti- TTRAP Antibody
Catalog Number: ARP33010
Lot Number: QC2408
Paraffin Embedded Tissue: Human Kidney
Cells with Positive label: Epithelial cells of collecting tubule(Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



Immunohistochemistry

Image 1. Human kidney

Western Blotting

Image 2. Sample: 1. DT40 (5×10^5 cells)

2. DT40 + rec. hTDP2 (5×10^5 cells)

3. soluble HIS-hTDP2 (5×10^5 cells)

4. pellet HIS-hTDP2 (5×10^5 cells)

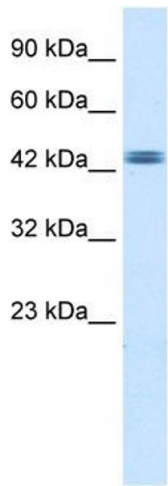
Primary dilution: 1:1000

Secondary Antibody: dakocytomation Goat anti-rabbit

Secondary dilution: 1:5000

Image Submitted by: Keith Caldecott

University of Sussex



Western Blotting

Image 3. WB Suggested Anti-TTRAP Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate TDP2 is supported by BioGPS gene expression data to be expressed in HepG2