MTDH Rabbit pAb

Catalog No.: A5887 2 Publications



Basic Information

Observed MW

75kDa/80kDa

Calculated MW

64kDa

Category

Primary antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Enables NF-kappaB binding activity; double-stranded RNA binding activity; and transcription coactivator activity. Involved in several processes, including lipopolysaccharide-mediated signaling pathway; positive regulation of intracellular signal transduction; and regulation of transcription, DNA-templated. Located in endoplasmic reticulum; nuclear lumen; and perinuclear region of cytoplasm. Implicated in hepatocellular carcinoma.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID92140

Swiss Prot
Q86UE4

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

3D3; AEG1; AEG-1; LYRIC; LYRIC/3D3; MTDH

Contact

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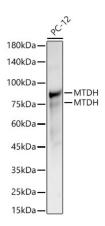
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

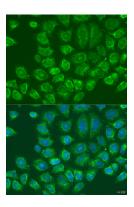


Western blot analysis of lysates from PC-12 cells, using MTDH Rabbit pAb (A5887) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

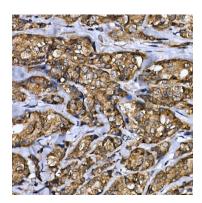
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

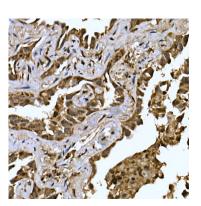
Exposure time: 7s.



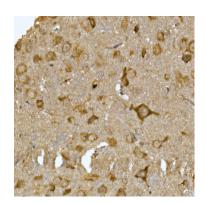
Immunofluorescence analysis of U2OS cells using MTDH Rabbit pAb (A5887) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



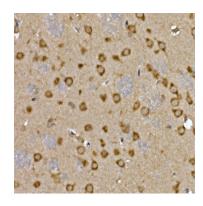
Immunohistochemistry analysis of paraffinembedded Human breast cancer using MTDH Rabbit pAb (A5887) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human lung cancer using MTDH Rabbit pAb (A5887) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse spinal cord using MTDH Rabbit pAb (A5887) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Rat brain using MTDH Rabbit pAb (A5887) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.