

# Anti-MED13L Antibody

Catalog # AP53966

## Specification

## Anti-MED13L Antibody - Product Information

Application Primary Accession Reactivity Host Clonality Calculated MW WB, IH <u>Q71F56</u> Human, Mouse Rabbit Polyclonal 242602

## Anti-MED13L Antibody - Additional Information

Gene ID 23389

**Other Names** KIAA1025; PROSIT240; THRAP2; TRAP240L; Mediator of RNA polymerase II transcription subunit 13-like; Mediator complex subunit 13-like; Thyroid hormone receptor-associated protein 2; Thyroid hormone receptor-associated protein complex 240 kDa component-like

Target/Specificity Recognizes endogenous levels of MED13L protein.

**Dilution** WB~~1/500 - 1/1000 IH~~1/50 - 1/100

**Format** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage Store at -20 °C.Stable for 12 months from date of receipt

## Anti-MED13L Antibody - Protein Information

Name MED13L

Synonyms KIAA1025, PROSIT240, THRAP2, TRAP240L

#### Function

Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene- specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. This subunit may specifically regulate transcription of targets of the



Wnt signaling pathway and SHH signaling pathway.

**Cellular Location** Nucleus.

**Tissue Location** 

Highly expressed in brain (cerebellum), heart (aorta), skeletal muscle, kidney, placenta and peripheral blood leukocytes. Highly expressed in fetal brain

## Anti-MED13L Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

### Anti-MED13L Antibody - Images



Western blot analysis of MED13L expression in HEK293T (A), COS7 (B), C6 (C), MEF (D) whole cell lysates.





Immunohistochemical analysis of MED13L staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

## Anti-MED13L Antibody - Background

Rabbit polyclonal antibody to MED13L