



TRAP240 Polyclonal Antibody

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| Catalog No | YP-Ab-02136 |
| Isotype | IgG |
| Reactivity | Human;Mouse |
| Applications | WB;IHC;IF;ELISA |
| Gene Name | MED13L |
| Protein Name | Mediator of RNA polymerase II transcription subunit 13-like |
| Immunogen | The antiserum was produced against synthesized peptide derived from human MED13L. AA range:449-498 |
| Specificity | TRAP240 Polyclonal Antibody detects endogenous levels of TRAP240 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | MED13L; KIAA1025; 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 |
| Observed Band | 250kD |
| Cell Pathway | Nucleus . |
| Tissue Specificity | Highly expressed in brain (cerebellum), heart (aorta), skeletal muscle, kidney, placenta and peripheral blood leukocytes. Highly expressed in fetal brain. |
| Function | disease:A chromosomal aberration involving MED13L is found in a patient with transposition of the great arteries, dextro-looped and mental retardation. Translocation t(12;17)(q24.1;q21).,disease:Defects in MED13L are a cause of transposition of the great arteries, dextro-looped (DTGA) [MIM:608808]. DTGA consists of complete inversion of the great vessels, so that the aorta incorrectly arises from the right ventricle and the pulmonary artery incorrectly arises from the left ventricle. This creates completely separate pulmonary and systemic circulatory systems, an arrangement that is incompatible with life. Patients often have atrial and/or ventricular septal defects or other types of shunting that allow some mixing between the circulations in order to support life minimally, but surgical intervention is always required.,function:Component of the Mediator complex, a coactivator involved in |

**Background**

The protein encoded by this gene is a subunit of the Mediator complex, a large complex of proteins that functions as a transcriptional coactivator for most RNA polymerase II-transcribed genes. The encoded protein is involved in early development of the heart and brain. Defects in this gene are a cause of transposition of the great arteries, dextro-looped (DTGA).[provided by RefSeq, Jul 2010],

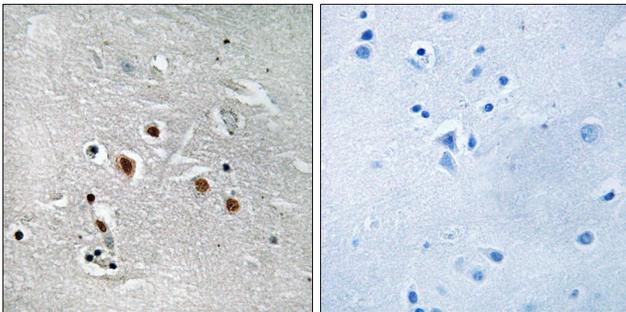
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using MED13L Antibody. The picture on the right is blocked with the synthesized peptide.