

HRT2 Rabbit pAb

CatalogNo: YT2230 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 36kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000**IHC 1:100-1:300****ELISA 1:10000****IF 1:50-200**

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human HEY2. AA range: 21-70**Specificity** HRT2 Polyclonal Antibody detects endogenous levels of HRT2 protein.

Target Information

Gene name HEY2

Protein Name Hairy/enhancer-of-split related with YRPW motif protein 2

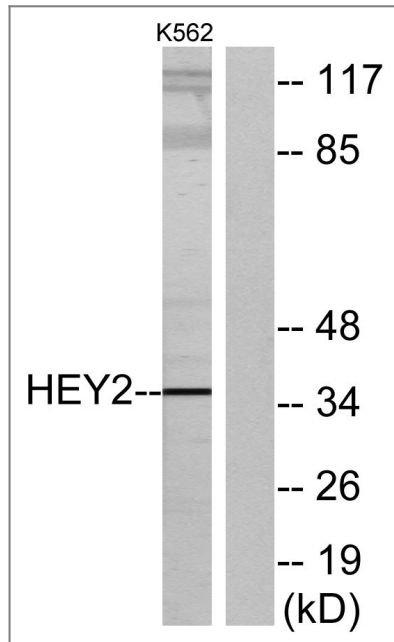
Organism	Gene ID	UniProt ID
Human	23493 ;	Q9UBP5 ;
Mouse	15214 ;	Q9QUS4 ;

Cellular Localization Nucleus .

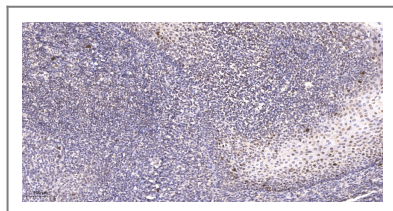
Tissue specificity Heart,Lung,Testis,

Function Disease:Defects in HEY2 may be involved in atrioventricular septal defects (AVSD).,Function:Downstream effector of Notch signaling which may be required for cardiovascular development. Transcriptional repressor which binds preferentially to the canonical E box sequence 5'-CACGTG-3'. Represses transcription by the cardiac transcriptional activators GATA4 and GATA6.,similarity:Belongs to the HEY family.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,similarity:Contains 1 Orange domain.,subunit:May self-associate (By similarity). Interacts with GATA4, HES1 and HEYL (By similarity). Interacts with HDAC1, NCOR1 and SIN3A (By similarity). Interacts with ARNT and GATA6.,

Validation Data



Western blot analysis of lysates from K562 cells, using HEY2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

| Contact information

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HRT2 Rabbit pAb

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