

URAD Rabbit pAb

CatalogNo: YT6537

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 19kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

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.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human URAD AA range: 80-130

Specificity This antibody detects endogenous levels of URAD at Human/Mouse

Target Information

Gene name PRHOXNB

Protein Name URAD

Organism

Gene ID

UniProt ID

Human

[646625](#);

[A6NGE7](#);

Mouse

[231903](#);

[Q283N4](#);

**Cellular
Localization**

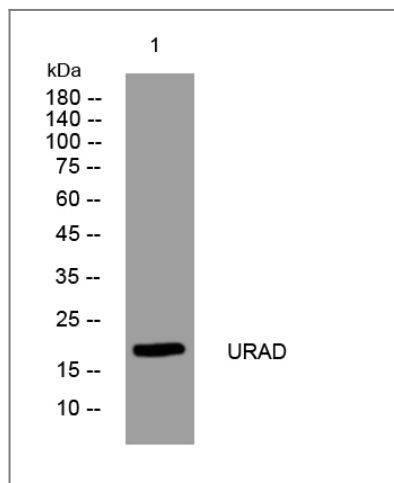
Peroxisome .

Tissue specificity Apparently not expressed.

Function

Catalytic activity:5-hydroxy-2-oxo-4-ureido-2,5-dihydro-1H-imidazole-5-carboxylate = (S)-allantoin + CO(2).,Caution:Could be the product of a pseudogene. In primates the genes coding for the enzymes for the degradation of uric acid were inactivated and converted to pseudogenes.,Function:Catalyzes the stereoselective decarboxylation of 2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazoline (OHCU) to (S)-allantoin .,pathway:Purine metabolism; uric acid degradation; (S)-allantoin from uric acid: step 3/3.,similarity:Belongs to the OHCU decarboxylase family.,tissue specificity:Apparently not expressed.,

Validation Data



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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