

TMLHE polyclonal antibody

Catalog # PAB22807 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections)

Immunohistochemical staining of human kidney with TMLHE polyclonal antibody (Cat # PAB22807) shows strong cytoplasmic positivity in cells in tubules.

| Specification | |
|---------------------|---|
| Product Description | Rabbit polyclonal antibody raised against recombinant TMLHE. |
| Immunogen | Recombinant protein corresponding to amino acids of human TMLHE. |
| Sequence | AYTKLALDRHTDTTYFQEPCGIQVFHCLKHEGTGGRTLLVDGFYAAEQVLQKAPEEFELLSKVPLK HEYIEDVGECHNHMIGIGPV |
| Host | Rabbit |
| Reactivity | Human |
| Form | Liquid |
| Purification | Antigen affinity purification |
| lsotype | lgG |
| Recommend Usage | Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide) |

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Product Information

Storage Instruction

Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

• Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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| Gene Info — TMLHE | |
|--------------------|--|
| Entrez GenelD | <u>55217</u> |
| Protein Accession# | <u>Q9NVH6</u> |
| Gene Name | TMLHE |
| Gene Alias | BBOX2, FLJ10727, TMLH, XAP130 |
| Gene Description | trimethyllysine hydroxylase, epsilon |
| Gene Ontology | Hyperlink |
| Gene Summary | Epsilon-N-trimethyllysine hydroxylase (EC 1.14.11.8) catalyzes the conversion of epsilon-N-trimet hyllysine to beta-hydroxy-N-epsilon-trimethyllysine in the first step of L-carnitine biosynthesis (Vaz et al., 2001 [PubMed 11431483]).[supplied by OMIM |
| Other Designations | OTTHUMP00000024255 butyrobetaine (gamma), 2-oxoglutarate dioxygenase (gamma-butyrobet aine hydroxylase) 2 epsilon-trimethyllysine 2-oxoglutarate epsilon-trimethyllysine hydroxylase |

Pathway

Lysine degradation