



PBFE Monoclonal Antibody

Catalog No	YP-mAb-02733
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	EHHADH
Immunogen	The antiserum was produced against synthesized peptide derived from human EHHADH. AA range:476-525
Specificity	PBFE Monoclonal Antibody detects endogenous levels of PBFE protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	3-hydroxyacyl-CoA dehydrogenase;ECHD;Enoyl-CoA hydratase/3;2-trans-enoyl-CoA isomerase;L PBE;LBFP;PBFE;EHHADH;Peroxisomal bifunctional enzyme;PBE
Observed Band	80kD
Calculated Molecular Weight	80kD
Cell Pathway	Peroxisome .
Tissue Specificity	Liver and kidney. Strongly expressed in the terminal segments of the proximal tubule. Lower amounts seen in the brain.
Function	catalytic activity:(3S)-3-hydroxyacyl-CoA = trans-2(or 3)-enoyl-CoA + H(2)O., catalytic activity:(3Z)-dodec-3-enoyl-CoA = (2E)-dodec-2-enoyl-CoA.,catalytic activity:(S)-3-hydroxyacyl-CoA + NAD(+) = 3-oxoacyl-CoA + NADH., disease:Absent in patients suffering with peroxisomal disorders such as Zellweger syndrome, neonatal adrenoleukodystrophy and infantile Refsum disease.,pathway:Lipid metabolism; fatty acid beta-oxidation.,similarity:In the C-terminal section; belongs to the 3-hydroxyacyl-CoA dehydrogenase family., similarity:In the N-terminal section; belongs to the enoyl-CoA hydratase/ isomerase family.,subunit:Monomer.,tissue specificity:Liver and kidney. Lower



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Background

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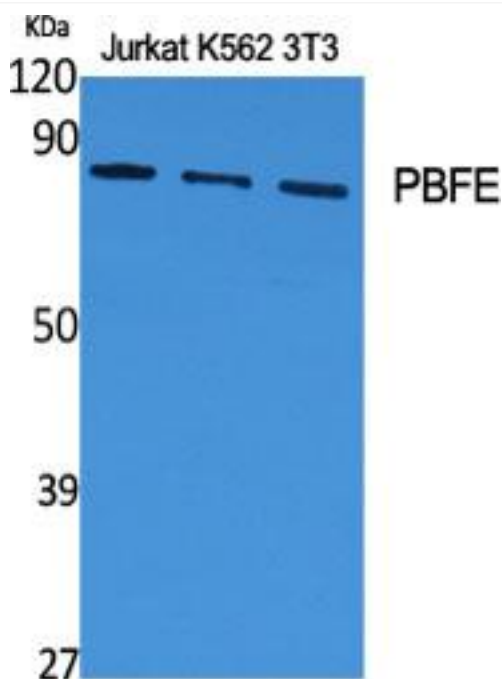
matters needing attention

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



Western Blot analysis of various cells using PBFE Monoclonal Antibody