



## **CP4FN Monoclonal Antibody**

lamellar type 3 (LI3) [MIM:604777]. LI is a non-bullous ichthyosis, a skin disord characterized by abnormal cornification of the epidermis. It is one the most set forms of ichthyoses apparent at birth and persisting throughout life. LI patients born encased in a tight, shiny, translucent covering called collodion membrane Over the first weeks of life, the collodion membrane is gradually replaced by generalized large, dark brown, plate-like scales with minimal to no erythroderr Tautness of facial skin commonly results in ectropion, eclabium and scarring alopecia of the scalp. Common complications are severe heat intolerance and		
Reactivity Human;Rat;Mouse;  Applications WB  Gene Name CYP4F22  Protein Name Cytochrome P450 4F22 (EC 1.14.14)  Immunogen Synthesized peptide derived from human protein . at AA range: 440-520  Specificity CP4FN Monoclonal Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, 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 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 58kD  Cell Pathway Endoplasmic reticulum membrane ; Single-pass type I membrane protein . Microsome membrane ; Single-pass type I membrane protein . Tissue Specificity  Prostate,  cofactor:Heme group, disease:Defects in CYP4F22 are the cause of ichthyosis lamellar type 3 (LI3) [MIM:604777]. Li is a non-bullous ichthyosis, a skin dison characterized by abnormal comification of the epidermis. It is one the most set forms of ichthyoses apparent at birth and persisting throughout life. Li patients born encased in a tight, shiny, translucent covering called collodion membrano Over the first weeks of life, the collodion membrane is gradually replaced by generalized large, dark brown, plate-like scales with minimal to no erythroder Tautness of facial skin commonly results in ectropion, eclabium and scarring alopecia of the scale). Common complications are severe heat intolerance and	Catalog No	BYmab-05059
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Immunogen       Synthesized peptide derived from human protein . at AA range: 440-520         Specificity       CP4FN Monoclonal Antibody detects endogenous levels of protein.         Formulation       Liquid in PBS containing 50% glycerol, 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 1:500-2000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       Endoplasmic reticulum membrane; Single-pass type I membrane protein . Microsome membrane; Single-pass type I membrane protein .         Tissue Specificity       Prostate,         Function       cofactor: Heme group . disease: Defects in CYP4F22 are the cause of ichthyosial lamellar type 3 (LI3) [MIM:604777]. LI is a non-bullous ichthyosis, a skin disor characterized by abnormal cornification of the epidermis. It is one the most set forms of ichthyoses apparent at birth and persisting throughout life. LI patients born encased in a tight, shiny, translucent covering called collodion membrane is gradually replaced by generalized large, dark brown, plate-like scales with minimal to no erythrodern Tautness of facial skin commonly results in ectropion, eclabium and scarring alopeica of the scale.	Gene Name	CYP4F22
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Nanjing BYabscience technology Co.,Ltd

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Background	cytochrome P450 family 4 subfamily F member 22(CYP4F22) Homo sapiens This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This gene is part of a cluster of cytochrome P450 genes on chromosome 19 and encodes an enzyme thought to play a role in the 12(R)-lipoxygenase pathway. Mutations in this gene are the cause of ichthyosis lamellar type 3. [provided by RefSeq, Jul 2008],
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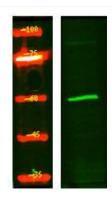
matters needing attention

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 CP4FN Monoclonal Antibody

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