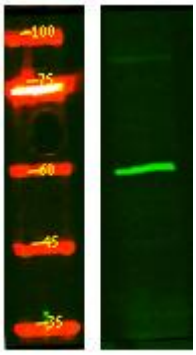
CP4FN Monoclonal Antibody

Catalog No	BYmab-05059
Isotype	IgG
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,
Function	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 disorder characterized by abnormal cornification of the epidermis. It is one the most severe forms of ichthyoses apparent at birth and persisting throughout life. LI patients are 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 erythroderma. Tautness of facial skin commonly results in ectropion, eclabium and scarring alopecia of the scalp. Common complications are severe heat intolerance and recurrent ear infections.,similarity:Belongs to the cytochrome P450 family.,

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],
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