

SUMF1 Rabbit pAb

CatalogNo: YN8376

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 41kD (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 SUMF1

Specificity

This antibody detects endogenous levels of SUMF1 at Human, Mouse

Target Information

Gene name

SUMF1 FGE PSEC0152 UNQ3037/PRO9852

Protein Name	Sulfatase-modifying factor 1 (C-alpha-formylglycine-generating enzyme 1)		
	Organism	Gene ID	UniProt ID
	Human	285362 ;	Q8NBK3 ;
	Mouse	58911 ;	Q8R0F3 ;
Cellular Localization	Endoplasmic reticulum lumen .		
Tissue specificity	Ubiquitous. Highly expressed in kidney, pancreas and liver. Detected at lower levels in leukocytes, lung, placenta, small intestine, skeletal muscle and heart.		
Function	Oxidase that catalyzes the conversion of cysteine to 3-oxoalanine on target proteins, using molecular oxygen and an unidentified reducing agent . 3-oxoalanine modification, which is also named formylglycine (fGly), occurs in the maturation of arylsulfatases and some alkaline phosphatases that use the hydrated form of 3-oxoalanine as a catalytic nucleophile . Known substrates include GALNS, ARSA, STS and ARSE .		

| Validation Data

| Contact information

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SUMF1 Rabbit pAb