

TXND5 Rabbit pAb

CatalogNo: YN2019

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 47kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

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 part region of human protein

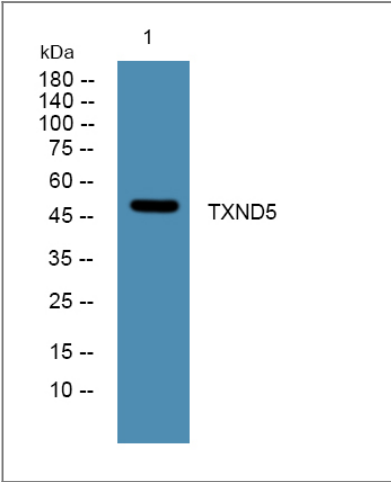
Specificity TXND5 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name TXND5 TLP46 UNQ364/PRO700

Protein Name	Thioredoxin domain-containing protein 5 (Endoplasmic reticulum resident protein 46) (ER protein 46) (ERp46) (Thioredoxin-like protein p46)		
	Organism	Gene ID	UniProt ID
	Human	81567;	Q8NBS9;
	Mouse		Q91W90;
Cellular Localization	Endoplasmic reticulum lumen .		
Tissue specificity	Eye,Liver,Lymph,Lymph node,Ovary,PCR rescued clones,Retina,Spleen,Stomach,		
Function	Function:Involved in the development of lysosome-related organelles, such as melanosomes and platelet-dense granules.,Function:Possesses thioredoxin activity. Has been shown to reduce insulin disulfide bonds. Also complements protein disulfide-isomerase deficiency in yeast.,similarity:Belongs to the Muted family.,similarity:Belongs to the protein disulfide isomerase family.,similarity:Contains 2 thioredoxin domains.,similarity:Contains 3 thioredoxin domains.,subunit:Interacts with pallidin. Interacts with dystrobrevin binding protein 1 and CNO/cappuccino (By similarity). Part of the biogenesis of lysosome-related organelles complex 1 (BLOC-1).,		

Validation Data



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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