CLN8 Rabbit pAb

CatalogNo: YN2471

Key Features

Host Species
- Rabbit

Reactivity
- Human,Rat,Mouse,

Applications
- WB,ELISA

MW
- 31kD (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 human protein . at AA range: 231-280
Specificity	CLN8 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name	CLN8 C8orf61

Protein Name Protein CLN8

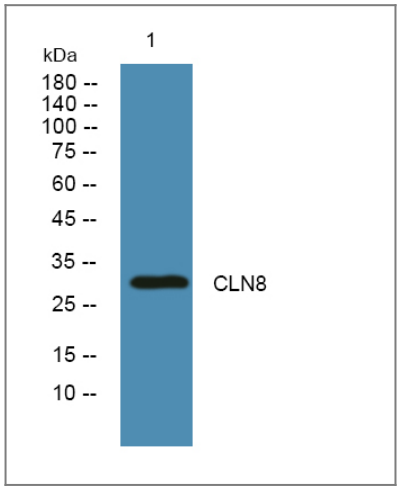
Organism	Gene ID	UniProt ID
Human	2055;	Q9UBY8;
Mouse		Q9QUK3;
Rat		Q6AYM9;

Cellular Localization Endoplasmic reticulum membrane ; Multi-pass membrane protein . Endoplasmic reticulum-Golgi intermediate compartment membrane ; Multi-pass membrane protein . Endoplasmic reticulum .

Tissue specificity Placenta,Uterus,

Function Disease:Defects in CLN8 are the cause of neuronal ceroid lipofuscinosis 8 (CLN8) [MIM:600143]. Childhood-onset neuronal ceroid lipofuscinoses (NCL) are a group of autosomal recessive progressive encephalopathies characterized by the accumulation of autofluorescent material, mainly ATP synthase subunit C, in various tissues, notably in neurons. Based on clinical features, the country of origin of patients, and the molecular genetic background of the disorder, at least seven different forms are thought to exist. CLN8 is characterized by normal early development, onset of generalized seizures between 5 and 10 years, and subsequent progressive mental retardation.,Disease:Defects in CLN8 are the cause of progressive epilepsy with mental retardation (EPMR) [MIM:610003]; also called Northern epilepsy variant of neuronal ceroid lipofuscinosis 8. EPMR is a form of NCL so far described only in Finland. It has been considered as a distinct clinical and genetic entity among the NCL.,online information:Neural Ceroid Lipofuscinoses mutation db,PTM:Does not seem to be N-glycosylated.,similarity:Contains 1 TLC (TRAM/LAG1/CLN8) domain.,

Validation Data



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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Please scan the QR code to access additional product information:
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