

REEP1 Rabbit pAb

CatalogNo: YN2494

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 22kD (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, and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 61-110

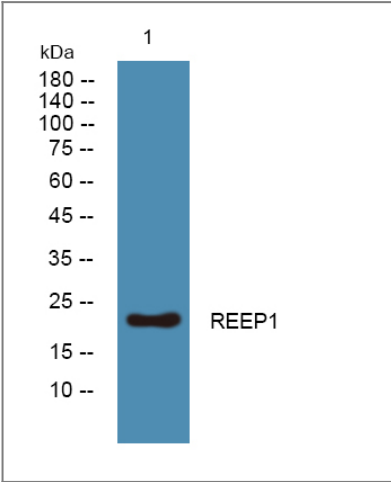
Specificity REEP1 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name REEP1 C2orf23

Protein Name	Receptor expression-enhancing protein 1		
	Organism	Gene ID	UniProt ID
	Human	65055;	Q9H902;
	Mouse		Q8BGH4;
Cellular Localization	Membrane . Mitochondrion membrane ; Multi-pass membrane protein . Endoplasmic reticulum . Localizes to endoplasmic reticulum tubular network. .		
Tissue specificity	Expressed in circumvallate papillae and testis.		
Function	Disease:Defects in REEP1 are the cause of spastic paraplegia autosomal dominant type 31 (SPG31) [MIM:610250]. Spastic paraplegia is a neurodegenerative disorder characterized by a slow, gradual, progressive weakness and spasticity of the lower limbs. Rate of progression and the severity of symptoms are quite variable. Initial symptoms may include difficulty with balance, weakness and stiffness in the legs, muscle spasms, and dragging the toes when walking. In some forms of the disorder, bladder symptoms (such as incontinence) may appear, or the weakness and stiffness may spread to other parts of the body.,Function:May enhance the cell surface expression of odorant receptors.,similarity:Belongs to the DP1 family.,subunit:Interacts with odorant receptor proteins.,		

Validation Data



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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