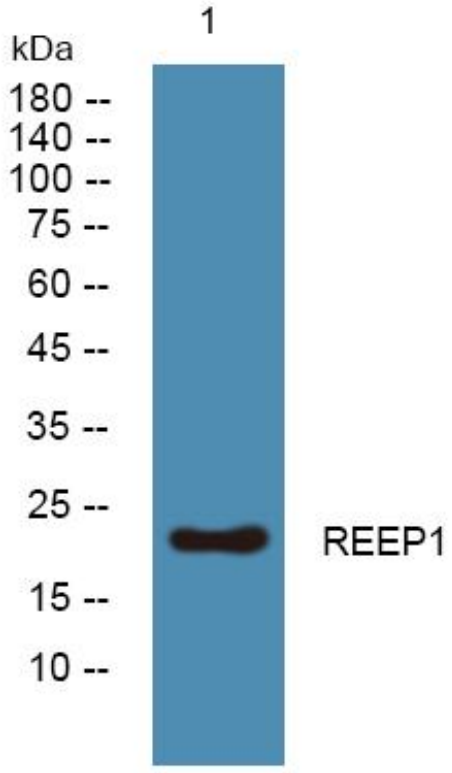
REEP1 Monoclonal Antibody

Catalog No	BYmab-07348
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	REEP1 C2orf23
Protein Name	Receptor expression-enhancing protein 1
Immunogen	Synthesized peptide derived from human protein . at AA range: 61-110
Specificity	REEP1 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	22kD
Cell Pathway	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.,

Background	This gene encodes a mitochondrial protein that functions to enhance the cell surface expression of odorant receptors. Mutations in this gene cause spastic paraplegia autosomal dominant type 31, a neurodegenerative disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009],
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 REEP1 Monoclonal Antibody