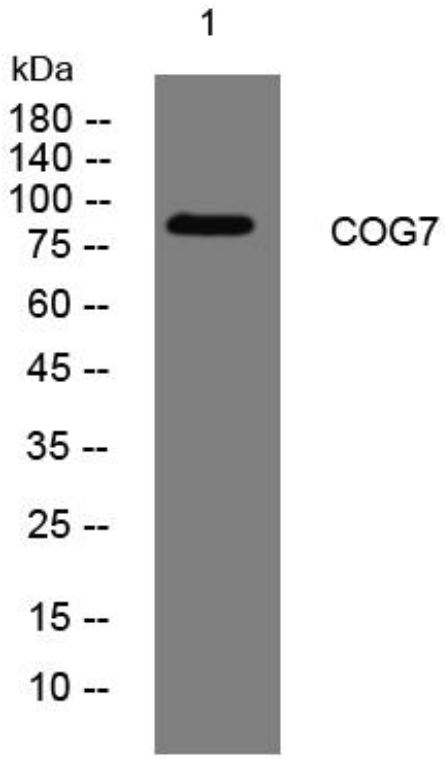
COG7 mouse mAb

Catalog No	BYmab-08217
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	COG7 UNQ3082/PRO10013
Protein Name	COG7
Immunogen	Synthesized peptide derived from human COG7 AA range: 245-295
Specificity	This antibody detects endogenous levels of COG7 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.332% 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	Conserved oligomeric Golgi complex subunit 7 (COG complex subunit 7) (Component of oligomeric Golgi complex 7)
Observed Band	85kD
Cell Pathway	Golgi apparatus membrane ; Peripheral membrane protein .
Tissue Specificity	Brain,Mammary gland,Synovial membrane,
Function	disease:Defects in COG7 are the cause of congenital disorder of glycosylation type 2E (CDG2E) [MIM:608779]. CDGs are a family of severe inherited diseases caused by a defect in protein N-glycosylation. They are characterized by under-glycosylated serum proteins. These multisystem disorders present with a wide variety of clinical features, such as disorders of the nervous system development, psychomotor retardation, dysmorphic features, hypotonia, coagulation disorders, and immunodeficiency. The broad spectrum of features reflects the critical role of N-glycoproteins during embryonic development, differentiation, and maintenance of cell functions.,function:Required for normal Golgi function.,similarity:Belongs to the COG7 family.,subunit:Component of the conserved oligomeric Golgi complex which is composed of eight different subunits

	and is required for normal Golgi morphology and localiz
Background	The protein encoded by this gene resides in the golgi, and constitutes one of the 8 subunits of the conserved oligomeric Golgi (COG) complex, which is required for normal golgi morphology and localization. Mutations in this gene are associated with the congenital disorder of glycosylation type IIe.[provided by RefSeq, May 2010],
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 COG7 mouse mAb