

COG7 Rabbit pAb

CatalogNo: YN3374

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 85kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| 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 COG7 AA range: 245-295

Specificity This antibody detects endogenous levels of COG7 at Human/Mouse/Rat

| Target Information

Gene name COG7 UNQ3082/PRO10013

Protein Name COG7

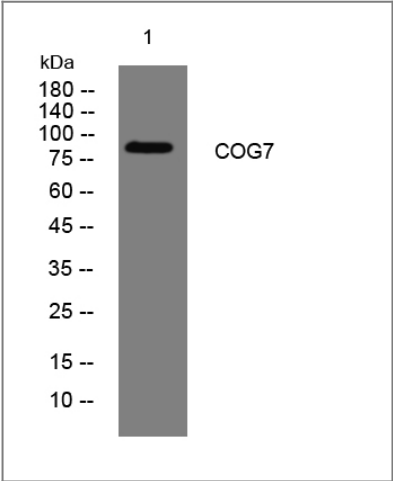
Organism	Gene ID	UniProt ID
Human	91949;	P83436;
Mouse	233824;	Q3UM29;
Rat	293456;	Q3T1G7;

Cellular Localization 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 localization.,

Validation Data



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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COG7 Rabbit pAb

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