

CNX1/2 | CALNEXIN HOMOLOG 1/2

Cat PA00431

Size 50 µg

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Arabidopsis thaliana, Nicotiana tabacum, Petunia hybrida, Solanum lycopersicum

Immunogen

KLH-conjugated synthetic peptide derived from Arabidopsis thaliana CNX1 UniProt: P29402 TAIR: AT5G61790, CNX2 UniProt: Q38798, TAIR: AT5G07340. This peptide is NOT present in calreticulins.

Host

Rabbit

Clonality

Polyclonal

Purity

Immunogen affinity purified serum in PBS pH 7.4.

Format

Liquid

Storage

Aliquite upon arrival to avoid repeated freeze-thaw cycles and store -20°C; Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application

Western blot (WB)

Recommended dilution

1 : 2500 (WB)

Expected | apparent MW

CNX1 60.5 kD, processing aa 1-20, mature peptide 58.1 kD CNX2 60.5/61.4 kD, processing aa 1-25, mature peptides 57.6/58.6 kD

Confirmed reactivity

Arabidopsis thaliana, Nicotiana tabacum, Petunia hybrida, Solanum lycopersicum

Predicted reactivity

Brassica napus, Coccoomyxa suellipsoidea, Hordeum vulgare, Glycine max, Medicago truncatula, Oryza sativa, Petunia inflata, Physcomitrium patens, Picea sitcHensis, Pisum sativum, Populus trichocarpa, Ricinus communis, Stereum hirsutum, Zea mays, Vitis vinifera

Not reactive in

Chlamydomonas reinhardtii

Additional information

Antibody can be used as a marker of microsomal membrane

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Description

CNX1/2 (calnexin homolog 1/2) is a calcium-binding protein involved in protein folding. It interacts with newly synthesized glycoproteins in the endoplasmic reticulum.

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