

Product: Anti-14.3.3c

Product no: AS08 317

Product Information

Antibody clonality: Polyclonal

Raised in: Rabbit

Purity: Serum

Quantity: 100 μ l

Antibody form: Lyophilized. For reconstitution please add 100 μ l of sterile water.

Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid or lyophilized material adhering to the cap or sides of the tubes.

Storage instructions: -20°C or -80°C long Term storage (years). Please, avoid freezing and thawing of antibodies. Make aliquots instead. Glycerol (1:1) may be added for an additional stability.

Application information:

Western Blot: 1: 2 000

ELISA: 1: 15 000

MW: 30 kDa

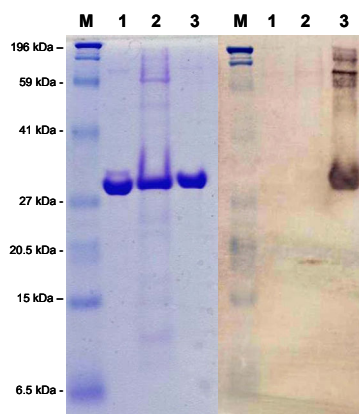
Reactivity: specific for barley 14.3.3c isoform, when tested against 14.3.3a,b and c isoforms

Background

14.3.3's are 30KDa proteins involved in protein interactions with target proteins containing phosphorylated target sites. Functions of 14.3.3's include acting as adaptors or scaffolds, stimulating protein-protein interaction, altering target protein activity, causing conformational changes of target proteins, regulating subcellular localisation and also facilitating transport (for example nuclear import/export and transport in the endomembrane system). A variety of apparently unrelated biological activities, including a role in development and signal transduction have been ascribed to the 14.3.3 family. To date, five barley 14.3.3 homologues have been identified and characterised and named 14.3.3a through e.

Immunogen:

Synthetic peptide specific to the barley "c" isoform, conjugated to KL



SDS-PAGE gel and duplicate western blot of 1 Hv14.3.3a, 2 Hv14.3.3b and 3 Hv14.3.3c, showing anti Hv14.3.3c antibody recognition only Hv14.3.3c protein band.

Antibodies are intended for the research use only not for diagnostic or therapeutic use.

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