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Datasheet for ABIN5002220

anti-beta Expansin antibody (AA 10-110) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	beta Expansin (EXPB2)
Binding Specificity:	AA 10-110
Reactivity:	Plant, Wheat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This beta Expansin antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from Triticum aestivum EXPB-2
Isotype:	IgG
Cross-Reactivity:	Plant
Cross-Reactivity (Details):	Triticum aestivum
Purification:	Purified by Protein A.

Target Details

Target:	beta Expansin (EXPB2)
Alternative Name:	EXPB-2 (EXPB2 Products)

Target Details

Background: Synonyms: beta-expansin 2, expansin EXPB5, Q6QN86_WHEAT.
Background: beta-expansin (EXBP2) may cause loosening and extension of plant cell walls by disrupting noncovalent bonding between cellulose microfibrils and matrix glucans. No enzymatic activity has been found Subcellular Location at Cell-wall bound. Belongs to the expansin family.

UniProt: [Q6QN86](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months
