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Datasheet for ABIN726772

anti-beta Expansin antibody (AA 10-110) (Biotin)

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 Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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 for 12 months.
Expiry Date:	12 months