



Anti-Chitin Binding Domain polyclonal antibody (DPAB16941)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Anti-Chitin Binding Domain Polyclonal Antibody
Target	Chitin Binding Domain
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Conjugate	Unconjugated
Applications	WB
Size	100 µl
Preservative	None
Storage	-20 °C
Ship	4 °C

BACKGROUND

Introduction	In molecular biology, a carbohydrate-binding module (CBM) is a protein domain found in carbohydrate-active enzymes (for example glycoside hydrolases). The majority of these domains have carbohydrate-binding activity. Some of these domains are found on cellulosomal scaffoldin proteins. CBMs were previously known as cellulose-binding domains. CBMs are classified into numerous families, based on amino acid sequence similarity. There are currently
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(June 2011) 64 families of CBM in the CAZy database. CBMs of microbial glycoside hydrolases play a central role in the recycling of photosynthetically fixed carbon through their binding to specific plant structural polysaccharides. CBMs can recognise both crystalline and amorphous cellulose forms. CBMs are the most common non-catalytic modules associated with enzymes active in plant cell-wall hydrolysis. Many putative CBMs have been identified by amino acid sequence alignments but only a few representatives have been shown experimentally to have a carbohydrate-binding function.

Keywords

carbohydrate-binding module; CBM; Rabbit Anti-Chitin Binding Domain Polyclonal Antibody; Anti-Chitin Binding Domain Polyclonal Antibody; Chitin Binding Domain Polyclonal Antibody Rabbit Anti-Chitin Binding Domain PAb; Anti-Chitin Binding Domain PAb; Chiti
