

Product datasheet

Anti-CHIT1 antibody ab72574

[1 References](#) [1 Image](#)

Overview

Product name	Anti-CHIT1 antibody
Description	Mouse polyclonal to CHIT1
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length human protein (AAI03696).
Positive control	CHIT1 transfected 293T cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 1X PBS, pH 7.2
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab72574** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 52 kDa (predicted molecular weight: 52 kDa).

Target

Function Degrades chitin, chitotriose and chitobiose. May participate in the defense against nematodes

and other pathogens. Isoform 3 has no enzymatic activity.

Tissue specificity

Detected in spleen. Secreted by cultured macrophages.

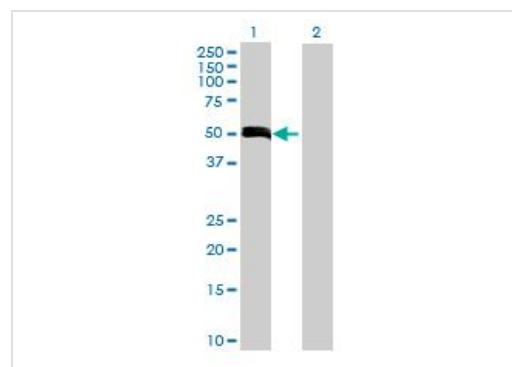
Sequence similarities

Belongs to the glycosyl hydrolase 18 family. Chitinase class II subfamily.
Contains 1 chitin-binding type-2 domain.

Cellular localization

Secreted. Lysosome. A small proportion is lysosomal.

Images



Western blot - Anti-CHIT1 antibody (ab72574)

All lanes : Anti-CHIT1 antibody (ab72574) at 1/500 dilution

Lane 1 : CHIT1 transfected 293T cell lysate

Lane 2 : non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

Goat Anti-mouse (H&L)-HRP Conjugated IgG at 1/2500 dilution

Predicted band size : 52 kDa

Observed band size : 52 kDa

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