

Product datasheet

Anti-LYPLA3 antibody ab57004

1 Image

Overview

Product name	Anti-LYPLA3 antibody
Description	Mouse monoclonal to LYPLA3
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment: TEGLVEATMP PGVQLHCLYG TGVPTPDSFYYESFPDRDPK ICFGDGDGTV NLKSALQCQA WQSRQEHQVL LQELPGSEHI EMLANATTLA YLKRVLG, corresponding to amino acids 314-413 of Human LYPLA3 Run BLAST with ExPASy Run BLAST with NCBI

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 PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab57004** in the following tested applications.

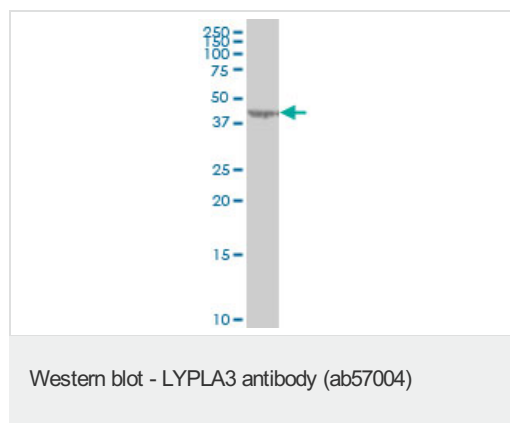
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 47 kDa.

Target

Function	Has transacylase and calcium-independent phospholipase A2 activity. Catalyzes the formation of 1-O-acyl-N-acetylsphingosine and the concomitant release of a lyso-phospholipid (By similarity). May have weak lysophospholipase activity.
Tissue specificity	Highly expressed in heart, placenta, skeletal muscle, kidney and pancreas. Detected at lower levels in spleen, thymus, prostate, testis, ovary, small intestine, colon and peripheral blood leukocytes.
Sequence similarities	Belongs to the AB hydrolase superfamily. Lipase family.
Post-translational modifications	N-glycosylated.
Cellular localization	Lysosome. Secreted.

Images



LYPLA3 antibody (ab57004) at 1ug/lane +
HeLa cell lysate at 25ug/lane.

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