

Product datasheet

Anti-SMPDL3A antibody ab104049

2 Images

Overview

Product name	Anti-SMPDL3A antibody
Description	Rabbit polyclonal to SMPDL3A
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to a region within C terminal amino acids 330-360 of Human SMPDL3A, conjugated to KLH.
Positive control	MDA-MB435 cell line lysates; Human breast carcinoma

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Immunogen affinity purified
Purification notes	This antibody is purified through a protein A column, followed by peptide affinity purification.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab104049** in the following tested applications.

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

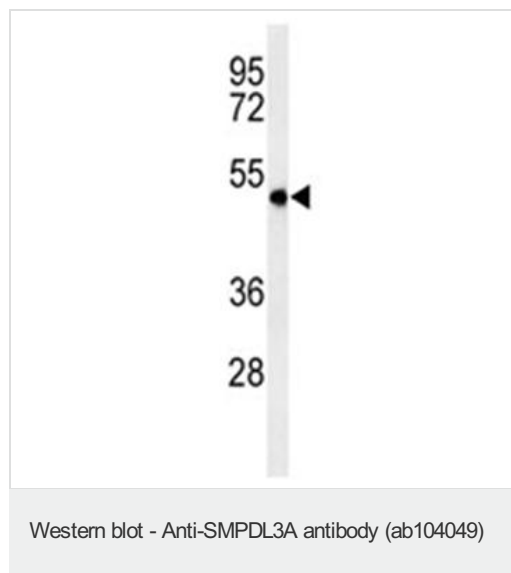
Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 51 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Sequence similarities Belongs to the acid sphingomyelinase family.

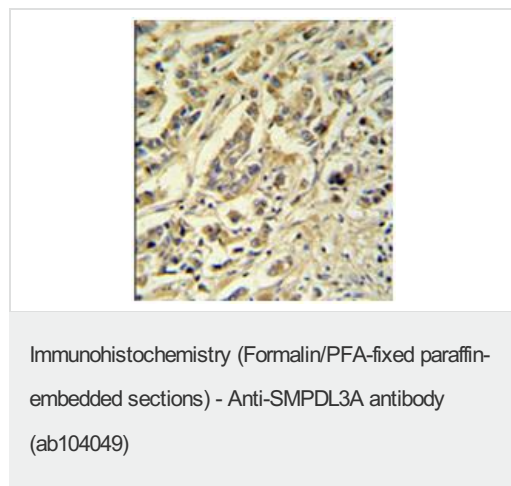
Cellular localization Secreted.

Images



Anti-SMPDL3A antibody (ab104049) at 1/100 dilution + MDA-MB435 cell line lysates at 35 µg

Predicted band size: 51 kDa



Immunohistochemical analysis of SMPDL3A expression in formalin fixed and paraffin embedded breast carcinoma, using a 1/50 dilution of ab104049 followed by peroxidase conjugation of the secondary antibody and DAB staining.

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