

Anti-Cytosolic Phospholipase A2 antibody ab58375

★★★★☆ **3 Abreviews** **20 References** 画像数 3

製品の概要

製品名	Anti-Cytosolic Phospholipase A2 antibody
製品の詳細	Rabbit polyclonal to Cytosolic Phospholipase A2
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide within Human Cytosolic Phospholipase A2 aa 450-550. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <u>contact</u> our Scientific Support team to discuss your requirements. Database link: <u>P47712</u>

 **Run BLAST with**

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特記事項

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
	Without Mg+2 and Ca+2
精製度	Immunogen affinity purified
特記事項(精製)	ab58375 was affinity purified from rabbit antiserum affinity chromatography using epitope-specific immunogen.

ポリ/モノ
アイソタイプ

ポリクローナル
IgG

アプリケーション

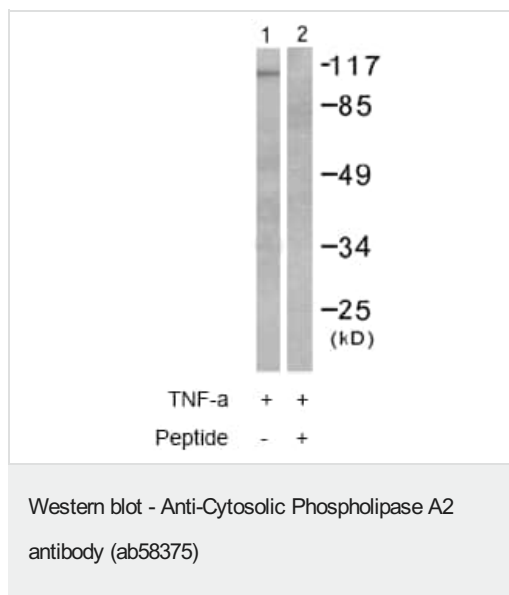
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab58375の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/500 - 1/1000. Detects a band of approximately 110 kDa (predicted molecular weight: 85 kDa).
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.

ターゲット情報

機能	Selectively hydrolyzes arachidonyl phospholipids in the sn-2 position releasing arachidonic acid. Together with its lysophospholipid activity, it is implicated in the initiation of the inflammatory response.
組織特異性	Expressed in various tissues such as macrophages, platelets, neutrophils, fibroblasts and lung endothelium.
配列類似性	Contains 1 C2 domain. Contains 1 PLA2c domain.
ドメイン	The N-terminal C2 domain associates with lipid membranes upon calcium binding. It modulates enzyme activity by presenting the active site to its substrate in response to elevations of cytosolic Ca(2+).
翻訳後修飾	Activated by phosphorylation at both Ser-505 and Ser-727.
細胞内局在	Cytoplasm. Cytoplasmic vesicle. Translocates to membrane vesicles in a calcium-dependent fashion.

画像



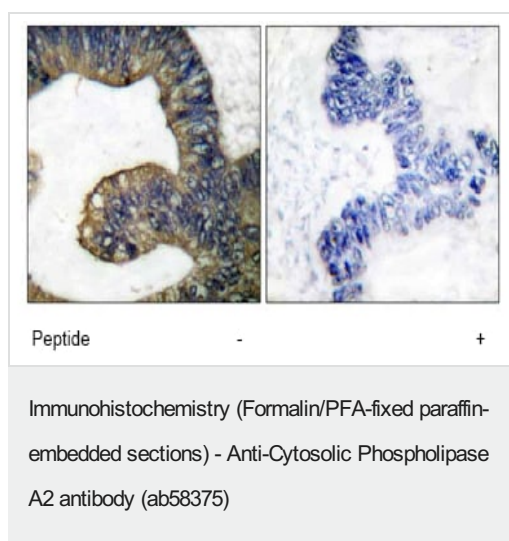
All lanes : Anti-Cytosolic Phospholipase A2 antibody (ab58375) at 1/500 dilution

Lane 1 : HeLa cell extracts treated with TNF alpha (20ng/ml, 30mins)

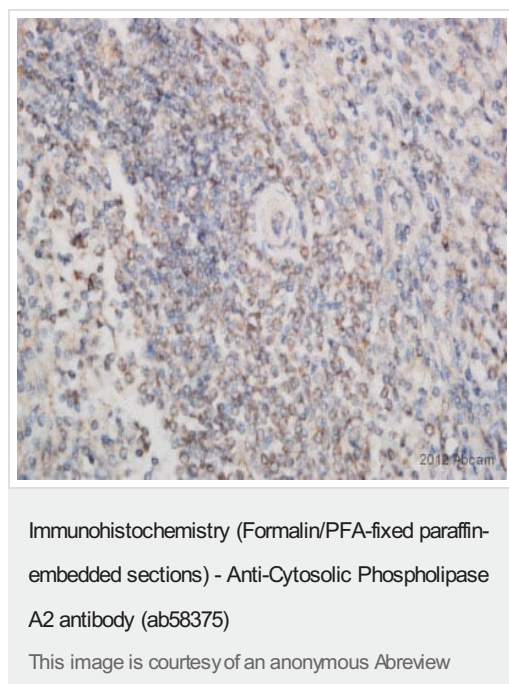
Lane 2 : HeLa cell extracts treated with TNF alpha (20ng/ml, 30mins) with immunising peptide

Predicted band size: 85 kDa

Observed band size: 110 kDa



ab58375 at 1/50-1/100 dilution staining Cytosolic Phospholipase A2 in human colon carcinoma by Immunohistochemistry, Paraffin embedded tissue, in the absence or presence of the immunising peptide.



Immunohistochemical analysis of Human spleen tissue, staining Phospholipase A2 with ab58375.

Tissue was fixed with formaldehyde and blocked with blocking solution for 10 minutes at 37°C; antigen retrieval was by heat mediation in a cell conditioner. Samples were incubated with primary antibody (undiluted) for 1 hour at 37°C. A biotinylated-conjugated goat anti-rabbit polyclonal IgG was used as the secondary antibody.

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