


Product datasheet

Anti-Annexin-2/ANXA2 (phospho S26) antibody ab192593

[1 Image](#)

Overview

Product name	Anti-Annexin-2/ANXA2 (phospho S26) antibody
Description	Rabbit polyclonal to Annexin-2/ANXA2 (phospho S26)
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide corresponding to Human Annexin-2/ANXA2 (phospho S26) conjugated to keyhole limpet haemocyanin. Database link: P07355
Positive control	Extracts from HepG2, Jurkat and K562 cells.
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride PBS is without Mg ²⁺ and Ca ²⁺ .
Purity	Immunogen affinity purified

Purification notes	ab192593 was purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Clonality	Polyclonal
Isotype	IgG

Applications

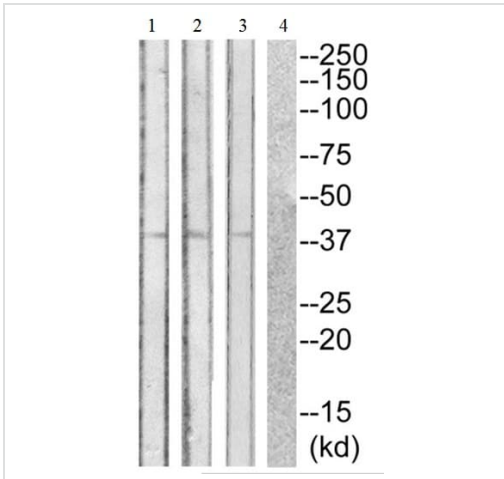
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab192593 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 39 kDa.

Target

Function	Calcium-regulated membrane-binding protein whose affinity for calcium is greatly enhanced by anionic phospholipids. It binds two calcium ions with high affinity. May be involved in heat-stress response.
Sequence similarities	Belongs to the annexin family. Contains 4 annexin repeats.
Domain	A pair of annexin repeats may form one binding site for calcium and phospholipid.
Post-translational modifications	Phosphorylation of Tyr-24 enhances heat stress-induced translocation to the cell surface. ISGylated.
Cellular localization	Secreted > extracellular space > extracellular matrix > basement membrane. Melanosome. In the lamina beneath the plasma membrane. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Translocated from the cytoplasm to the cell surface through a Golgi-independent mechanism.

Images



Western blot - Anti-Annexin-2/ANXA2 (phospho S26) antibody (ab192593)

All lanes : Anti-Annexin-2/ANXA2 (phospho S26) antibody (ab192593) at 1/500 dilution

Lane 1 : Extracts from HepG2 cells

Lane 2 : Extracts from Jurkat cells

Lane 3 : Extracts from K562 cells

Lane 4 : Extracts from K562 cells with antigen-specific peptide

Predicted band size: 39 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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