

Datasheet for ABIN3032111 anti-P-Glycoprotein antibody (AA 647-677)

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2 Images

Overview

Quantity:	0.4 mL
Target:	P-Glycoprotein
Binding Specificity:	AA 647-677
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P-Glycoprotein antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 647-677 from the human protein was used as the immunogen for this P-Glycoprotein antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	P-Glycoprotein
Abstract:	P-Glycoprotein Products
Background:	The membrane-associated ABCB1 protein is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABCB1, MDR/TAP,

Target Details

MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. ABCB1 is an ATP-dependent drug efflux pump for xenobiotic compounds with broad substrate specificity. It is responsible for decreased drug accumulation in multidrug-resistant cells and often mediates the development of resistance to anticancer drugs. This protein also functions as a transporter in the blood-brain barrier.

UniProt: [P08183](#)

Application Details

Application Notes: Titration of the P-Glycoprotein antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot the P-Glycoprotein antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. P-Glycoprotein antibody western blot analysis in K562 lysate

Western Blotting

Image 2. P-Glycoprotein antibody western blot analysis in K562 lysate