

Datasheet for ABIN3029826
anti-ABO antibody (AA 41-68)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	ABO
Binding Specificity:	AA 41-68
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABO antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	A portion of amino acids 41-68 from the human protein was used as the immunogen for this ABO antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	ABO
Alternative Name:	ABO (ABO Products)
Background:	This gene encodes proteins related to the first discovered blood group system, ABO. Which allele is present in an individual determines the blood group. The 'O' blood group is caused by a deletion of guanine-258 near the N-terminus of the protein which results in a frameshift and

Target Details

translation of an almost entirely different protein. Individuals with the A, B, and AB alleles express glycosyltransferase activities that convert the H antigen into the A or B antigen. Other minor alleles have been found for this gene.

UniProt: [P16442](#)

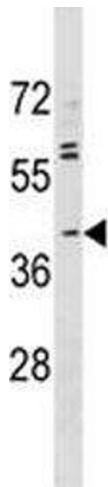
Application Details

Application Notes:	Titration of the ABO antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

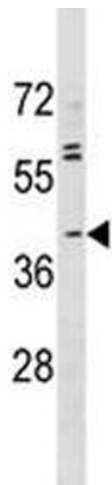
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the ABO antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. ABO antibody western blot analysis in MDA-MB231 lysate



Western Blotting

Image 2. ABO antibody western blot analysis in MDA-MB231 lysate