

Datasheet for ABIN5708503

**anti-CHRNA3 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CHRNA3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	Amino acids DAVLSLSALSPEIKEAIQSVKYIAENMKQAQNEAKEIQD from the human protein were used as the immunogen for the CHRNA3 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

## Target Details

Target:	CHRNA3
Alternative Name:	CHRNA3 ( <a href="#">CHRNA3 Products</a> )
Background:	After binding acetylcholine, Nicotinic Acetylcholine Receptor alpha 3 (CHRNA3) responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. [UniProt]
UniProt:	<a href="#">P32297</a>
Pathways:	<a href="#">Synaptic Membrane</a>

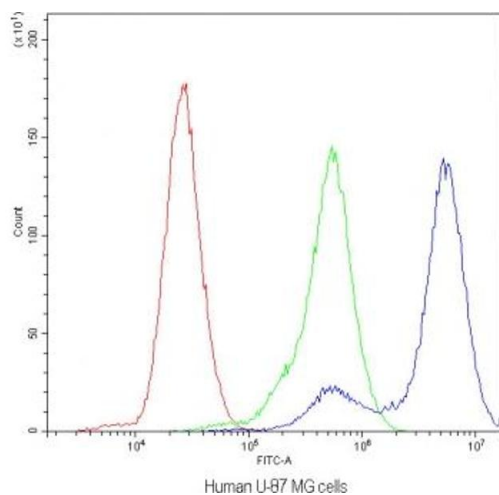
## Application Details

Application Notes:	Optimal dilution of the CHRNA3 antibody should be determined by the researcher.\. Western blot: 0.5-1 µg/mL,FACS: 1-3 µg/10 <sup>6</sup> cells
Restrictions:	For Research Use only

## Handling

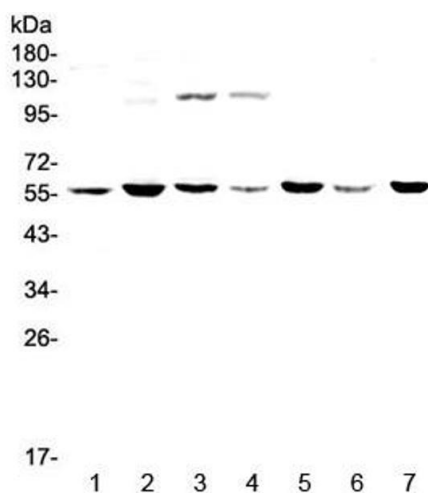
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the CHRNA3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



### Flow Cytometry

**Image 1.** Flow cytometry testing of human U-87 MG cells with CHRNA3 antibody at 1ug/10<sup>6</sup> cells (blocked with goat sera)



### Western Blotting

**Image 2.** Western blot testing of human 1) HeLa, 2) MDA-MB-453, 3) Jurkat, 4) HepG2, 5) SK-OV-3, 6) PANC-1 and 7) mouse thymus lysate with CHRNA3 antibody at 0.5ug/ml. Predicted molecular weight ~57 kDa.