

Datasheet for ABIN6280848

**anti-alpha 1 Adrenergic Receptor antibody (Internal Region)**[Go to Product page](#)

## Overview

Quantity:	50 µL
Target:	alpha 1 Adrenergic Receptor (ADRA1A)
Binding Specificity:	AA 110-190, Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This alpha 1 Adrenergic Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

## Product Details

Purpose:	Rabbit polyclonal to AR-α1A.
Immunogen:	Synthesized peptide derived from human AR-alpha1A
Isotype:	IgG
Specificity:	AR-α1A Polyclonal Antibody detects endogenous levels of AR-α1A protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Target Details

Target:	alpha 1 Adrenergic Receptor (ADRA1A)
Alternative Name:	AR-alpha1A ( <a href="#">ADRA1A Products</a> )

### Target Details

Molecular Weight:	51 kDa
Gene ID:	148
UniProt:	<a href="#">P35348</a>
Pathways:	<a href="#">AMPK Signaling</a>

### Application Details

Application Notes:	WB 1:500-1:2000 IF 1:200-1:1000 ELISA 1:10000
Comment:	Expressed in heart, brain, liver and prostate, but not in kidney, lung, adrenal, aorta and pituitary. Within the prostate, expressed in the apex, base, periurethral and lateral lobe. Isoform 4 is the most abundant isoform expressed in the prostate with high levels also detected in liver and heart.
Restrictions:	For Research Use only

### Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % 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:	Store at -20°C, and avoid repeat freeze-thaw cycles.