Datasheet for ABIN7299160

anti-CHRNA1 antibody (Center)

2 Images

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Overview

Quantity:	100 µL
Target:	CHRNA1
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Dog, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CHRNA1.
Specificity:	Recognizes endogenous levels of CHRNA1 protein.
Characteristics:	Rabbit polyclonal antibody to CHRNA1
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	CHRNA1
Alternative Name:	CHRNA1 (CHRNA1 Products)
Background:	ACHRA, CHNRA, Acetylcholine receptor subunit alpha

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Target Details

Gene ID:	1134, 11435, 79557
UniProt:	P02708, P04756, P25108
Pathways:	Skeletal Muscle Fiber Development

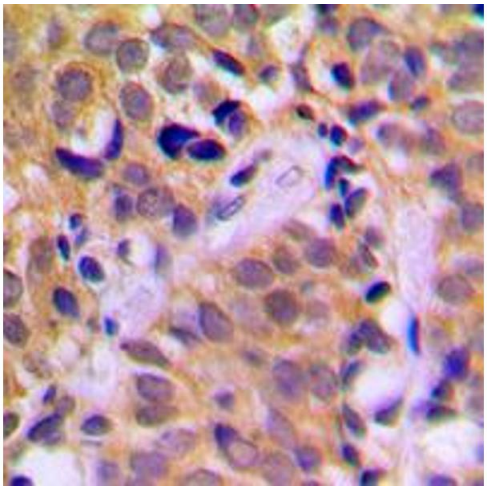
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of CHRNA1 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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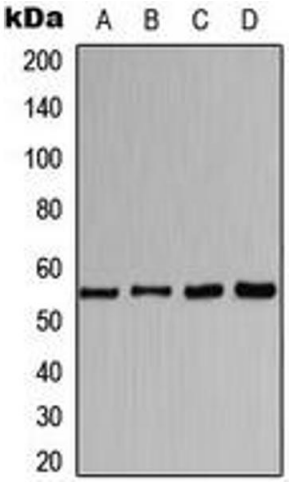

Western Blotting

Image 2. Western blot analysis of CHRNA1 expression in HeLa (A), MCF7 (B), mouse kidney (C), rat liver (D) whole cell lysates.

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