

Datasheet for ABIN7455037
anti-ADCY9 antibody (AA 1303-1353)



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Overview

Quantity:	100 µg
Target:	ADCY9
Binding Specificity:	AA 1303-1353
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADCY9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-AC9 Antibody, Affinity Purified
Immunogen:	Between AA 1303 and 1353
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	ADCY9
Alternative Name:	AC9 (ADCY9 Products)
Background:	Background: Adenylyl cyclase 9 is a membrane bound enzyme that catalyses the formation of

Target Details

cyclic AMP from ATP. It is regulated by a family of G protein-coupled receptors, protein kinases, and calcium. The type 9 adenylyl cyclase is a widely distributed adenylyl cyclase, and it is stimulated by beta-adrenergic receptor activation but is insensitive to forskolin, calcium, and somatostatin [taken from NCBI Entrez Gene (Gene ID: 115)].

Gene ID:	115
NCBI Accession:	NP_001107
UniProt:	O60503
Pathways:	EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Thyroid Hormone Synthesis , cAMP Metabolic Process , Myometrial Relaxation and Contraction , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma

Application Details

Application Notes:	IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 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:	4 °C
Expiry Date:	12 months