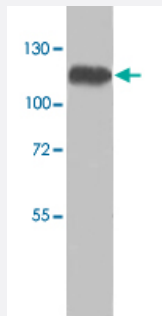


ADD1 polyclonal antibody

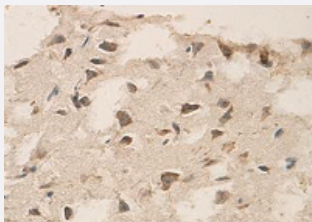
Catalog # PAB19805 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with ADD1 polyclonal antibody (Cat # PAB19805) at 1:500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed paraffin-embedded human brain showing staining with ADD1 polyclonal antibody (Cat # PAB19805) at 1:100 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADD1.
Immunogen	A synthetic peptide corresponding to 15 amino acids at C-terminus of human ADD1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Peptide affinity purification

Recommend Usage	ELISA (1:1000-1:10000) Western Blot (1:200-1000) Immunohistochemistry (1:100-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In serum (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with ADD1 polyclonal antibody (Cat # PAB19805) at 1:500 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — ADD1

Entrez GeneID	118
Protein Accession#	P35611
Gene Name	ADD1
Gene Alias	ADDA, MGC3339, MGC44427
Gene Description	adducin 1 (alpha)
Omim ID	102680 145500
Gene Ontology	Hyperlink

Gene Summary

Adducins are a family of cytoskeleton proteins encoded by three genes (alpha, beta, gamma). Adducin is a heterodimeric protein that consists of related subunits, which are produced from distinct genes but share a similar structure. Alpha- and beta-adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region. Alpha- and gamma-adducins are ubiquitously expressed. In contrast, beta-adducin is expressed at high levels in brain and hematopoietic tissues. Adducin binds with high affinity to Ca(2+)/calmodulin and is a substrate for protein kinases A and C. Alternative splicing results in multiple variants encoding distinct isoforms; however, not all variants have been fully described. [provided by RefSeq]

Other Designations

OTTHUMP00000151164|OTTHUMP00000151165|erythrocyte adducin alpha subunit

Disease

- [Albuminuria](#)
- [Alcoholism](#)
- [Amyotrophic lateral sclerosis](#)
- [Arterial Occlusive Diseases](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Cognition Disorders](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Stenosis](#)

- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Emergencies](#)
- [Endolymphatic Hydrops](#)
- [Gastroschisis](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Heart Defects](#)
- [Hyperaldosteronism](#)
- [Hyperlipidemia](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Hypotension](#)
- [Infant](#)
- [Inflammation](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Meniere Disease](#)
- [Meningococcal Infections](#)
- [Migraine Disorders](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)

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- [Osteoporosis](#)
- [Overweight](#)
- [Peripheral Vascular Diseases](#)
- [Polycystic Kidney](#)
- [Polycystic kidney disease](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Proteinuria](#)
- [Recurrence](#)
- [Stroke](#)
- [Vascular Diseases](#)
- [Werner syndrome](#)