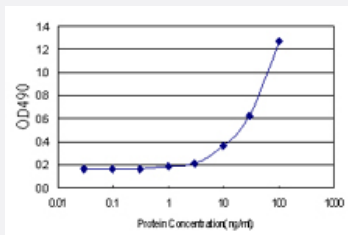


ADD1 (Human) Matched Antibody Pair

Catalog # H00000118-AP11 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human ADD1.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91%); Rat (91%)
Quality Control Testing	Standard curve using recombinant protein (H00000118-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-ADD1 (100 ug) 2. Detection antibody: mouse monoclonal anti-ADD1, IgG1 Kappa (20 ug) *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

[Protocol Download](#)

Gene Info — ADD1

Entrez GeneID [118](#)

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](#)
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- [Endolymphatic Hydrops](#)
- [Gastroschisis](#)
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- [Hyperlipidemia](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Hypertrophy](#)

- [Hypotension](#)
- [Infant](#)
- [Inflammation](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
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- [Polycystic Kidney](#)
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- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Proteinuria](#)
- [Recurrence](#)
- [Stroke](#)
- [Vascular Diseases](#)
- [Werner syndrome](#)