

anti-Human Arrestin 1 Antibody | anti-ARR1 antibody

Arrestin 1 (Phospho-Ser412) Antibody

CATALOG # AAA109030	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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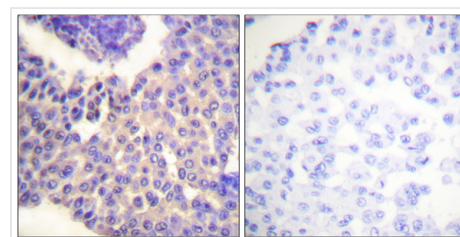
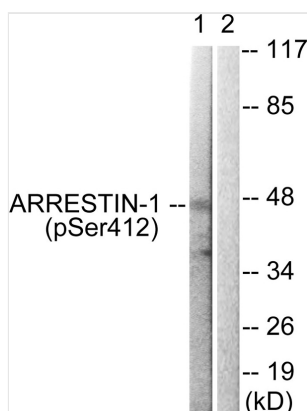
PRODUCT SYNONYMS

Arrestin 1; Arrestin 1 (Phospho-Ser412) Antibody; arrestin 2; arrestin beta 1; beta-arrestin-1; anti-ARR1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Arrestin 1 (Phospho-Ser412) antibody detects endogenous levels of Arrestin-1 only when phosphorylated at serine 412.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	418
Applicable Applications for anti-ARR1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Arrestin-1 around the phosphorylation site of serine 412 (T-G-SP-P-Q).
All Sites	Human: Ser412
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Arrestin 1 (Phospho-Ser412) antibody. Western blot analysis of extracts from COS7 cells, treated with Etoposide (25uM, 60mins), using Arrestin 1 (Phospho-Ser412) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ARR1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Greg Buchanan. AACR Meeting Abstracts, Apr 2006; 2006: 430. D. Alex Groarke. Mol. Pharmacol., Feb 2001; 59: 375. Karen McConalogue. Mol. Biol. Cell, Aug 1998; 9: 2305. Maria Stella Lombardi. Stroke, Apr 2004; 35: 981-986.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10880136
NCBI GeneID	408
NCBI Accession #	NP_004032.2
NCBI GenBank Nucleotide #	NM_004041.4
UniProt Accession #	P49407; O75625; O75630; Q2PP20; Q9BTK8; B6V9G8
Molecular Weight	46,309 Da
NCBI Official Full Name	beta-arrestin-1 isoform A
NCBI Official Synonym Full Names	arrestin beta 1
NCBI Official Symbol	ARRB1
NCBI Official Synonym Symbols	ARB1; ARR1
NCBI Protein Information	beta-arrestin-1
UniProt Protein Name	Beta-arrestin-1
UniProt Gene Name	ARRB1
UniProt Synonym Gene Names	ARR1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/arr1-human-antibody/arrestin-1/109030>