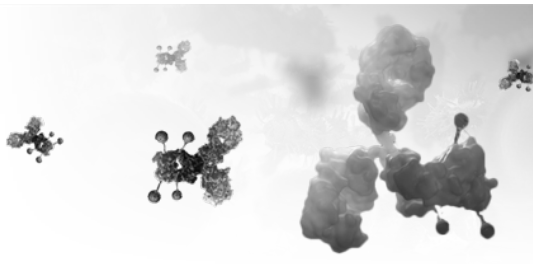

AJUBA peptide (DAG-P1354)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Ajuba is a member of LIM domain containing proteins that contribute to cell fate determination and regulate cell proliferation and differentiation. Ajuba is also involved in the regulation of actin cytoskeleton dynamics and cell migration. Ajuba plays a important role in the regulation of the kinase activity of AURKA/Aurora A for mitotic commitment. Is also a component of the IL 1 signaling pathway modulating IL 1 induced NF kappa B activation by influencing the assembly and activity of the PRKCZ/SQSTM1/TRAF6 multiprotein signaling complex. Ajuba is also a negative regulator of the Wnt signaling pathway.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	AJUBA ajuba LIM protein [Homo sapiens (human)]
Official Symbol	AJUBA
Synonyms	AJUBA; ajuba LIM protein; JUB; LIM domain-containing protein ajuba; jub, ajuba homolog;
Entrez Gene ID	84962
mRNA Refseq	NM_001289097.1

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
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Protein Refseq	NP_001276026.1
UniProt ID	Q96IF1
Chromosome Location	14q11.2
Pathway	Aurora A signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; E-cadherin signaling in keratinocytes, organism-specific biosystem; G2/M Transition, organism-specific biosystem; Hippo signaling pathway, organism-specific biosystem; Hippo signaling pathway, conserved biosystem; Mitotic G2-G2/M phases, organism-specific biosystem; Regulation of PLK1 Activity at G2/M Transition, organism-specific biosystem;
Function	actin filament binding; alpha-catenin binding; chromatin binding; protein binding; transcription corepressor activity; zinc ion binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
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