

ANLN 抗原（重组蛋白）

中文名称：ANLN 抗原（重组蛋白）

英文名称：ANLN Antigen (Recombinant Protein)

别名：anillin, actin binding protein; scra; Scraps

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from C terminal 300 amino acids of human ANLN

技术规格：

Full name:	anillin, actin binding protein
Synonyms:	scra; Scraps
Swissprot:	Q9NQW6
Gene Accession:	BC034692
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	?Anillin, also known as scraps homolog, is an evolutionarily conserved Actin-binding protein required for cytokinesis that was first identified in Drosophila melanogaster. Anillin is a ubiquitously expressed protein with highest expression levels in the central nervous system. It is predominantly found in the nucleus and it localizes to the cleavage furrow during cytokinesis, forming a ring with the help of Rac GTPase. During cytokinesis, Anillin interacts with CD2AP and fu

ctions to concentrate Rho A and maintain the localization of active Myosin. In Anillin knockout cells the cleavage furrow fails to complete ingression. Anillin expression levels fluctuate with the cell cycle, peaking in mitosis.