

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; Scrap

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; Scrap |
| 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 scrap homolog, is an evolutionarily conserved Actin-binding protein required for cytokinesis that was first identified in <i>Drosophila melanogaster</i> . 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 functions to concentrate Rho A and maintain the localization of active Myosin. In Anillin knockout cells the cleavage furrow fails to com |

plete ingresson. Anillin expression levels fluctuate with the cell cycle, peaking in mitosis.