

兔抗 CLASP2 多克隆抗体

中文名称：兔抗 CLASP2 多克隆抗体

英文名称：Anti-CLASP2 rabbit polyclonal antibody

别名：cytoplasmic linker associated protein 2

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：CLASP2

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

CLASP2 (cytoplasmic linker associated protein 2), also known as KIAA0627 or hOrbit2, is a 1,294 amino acid protein that contains five HEAT repeats and localizes to the cytoplasm and the cytoskeleton, as well as to the kinetochore and the golgi apparatus. Expressed primarily in brain tissue, CLASP2 functions as a microtubule plus-end tracking protein that regulates the stability of dynamic microtubules and is required for the proper polarization of cytoplasmic microtubule arrays in migrating cells. CLASP2 interacts with EB1, EB3, ELKS and CLIP-115 and, in addition to stabilizing microtubules, plays an important role

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| | e in maintaining the stability of the kinetochore and is crucial for proper chromosomal alignment. CLASP2 is subject to phosphorylation by GSK-3 β , an event that is thought to negatively regulate the ability of CLASP2 to bind to microtubules. Two isoforms of CLASP2, designated beta and gamma, exist due to alternative splicing events. |
| Applications: | ELISA, IHC |
| Name of antibody: | CLASP2 |
| Immunogen: | Fusion protein of human CLASP2 |
| Full name: | cytoplasmic linker associated protein 2 |
| SwissProt: | O75122 |
| ELISA Recommended dilution: | 5000-10000 |
| IHC positive control: | Human liver cancer |
| IHC Recommend dilution: | 25-100 |

