

KIF14 RABBIT PAB

货号: S215219

产品全名: KIF14 兔多抗

基因符号 MKS12

UNIPROT ID: Q15058 (Gene Accession - NP_055690)

背景: This gene encodes a member of the kinesin-3 superfamily of microtubule motor proteins. These proteins are involved in numerous processes including vesicle transport, chromosome segregation, mitotic spindle formation, and cytokinesis. In human HeLa-S3 and 293T cells, this protein is localized to the cytoplasm during interphase, to the spindle poles and spindle microtubules during mitosis, and to the midbody during cytokinesis. An internal motor domain displays microtubule-dependent ATPase activity, consistent with its function as a microtubule motor protein. Knockdown of this gene results in failed cytokinesis with endoreplication, which results in multinucleated cells. This gene has been identified as a likely oncogene in breast, lung and ovarian cancers, as well as retinoblastomas and gliomas. Alternative splicing results in multiple transcript variants.

抗原: Synthetic peptide of human KIF14

经过测试的应用: ELISA, WB, IHC

推荐稀释比: IHC: 25-100;WB: 200-1000;ELISA: 5000-10000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

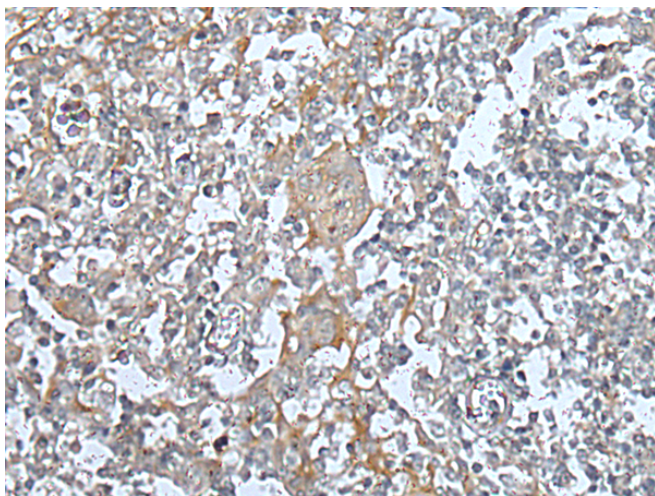
纯化: Antigen affinity purification

种属反应性: Human

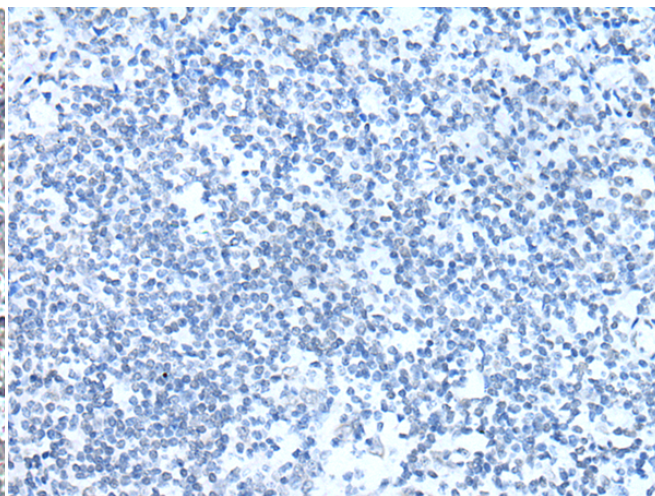
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

研究领域: Signal Transduction

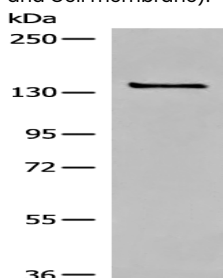
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 215219(KIF14 Antibody) at a dilution of 1/35(Cytoplasm and Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 215219(Anti-KIF14 Antibody) at dilution 1/35.



Gel: 6%SDS-PAGE, Lysate: 40 µg;

Lane: K562 cell lysate;

Primary antibody: 215219(KIF14 Antibody) at dilution 1/400;

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;

Exposure time: 2 minutes



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
