

## EIF2S1 RABBIT PAB

货号: S221937

产品全名: EIF2S1 兔多抗

基因符号 EIF2; EIF-2; EIF2A; EIF-2A; EIF-2alpha

**UNIPROT ID:** P05198 (Gene Accession - NP\_004085)

**背景:** The translation initiation factor EIF2 catalyzes the first regulated step of protein synthesis initiation, promoting the binding of the initiator tRNA to 40S ribosomal subunits. Binding occurs as a ternary complex of methionyl-tRNA, EIF2, and GTP. EIF2 is composed of 3 nonidentical subunits, the 36-kD EIF2-alpha subunit (EIF2S1), the 38-kD EIF2-beta subunit (EIF2S2; MIM 603908), and the 52-kD EIF2-gamma subunit (EIF2S3; MIM 300161). The rate of formation of the ternary complex is modulated by the phosphorylation state of EIF2-alpha (Ernst et al., 1987 [PubMed 2948954]).

**抗原:** Synthetic peptide of human EIF2S1

**经过测试的应用:** ELISA, WB, IHC

**推荐稀释比:** IHC: 30-150;WB: 200-1000;ELISA: 5000-10000

**种属反应性:** Rabbit

**克隆性:** Rabbit Polyclonal

**亚型:** Immunogen-specific rabbit IgG

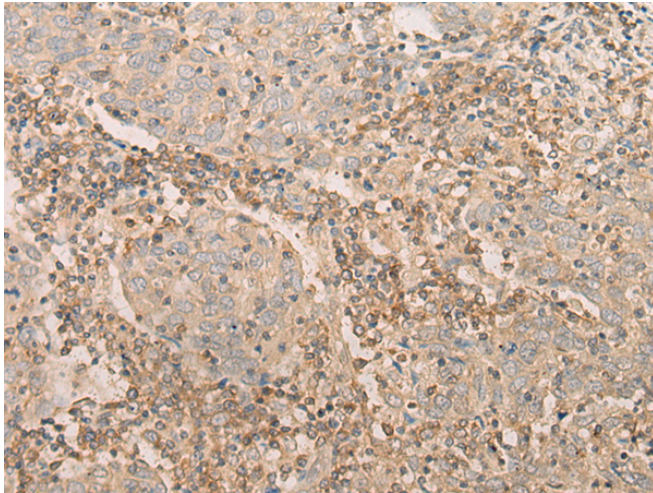
**纯化:** Antigen affinity purification

**种属反应性:** Human, Mouse, Rat

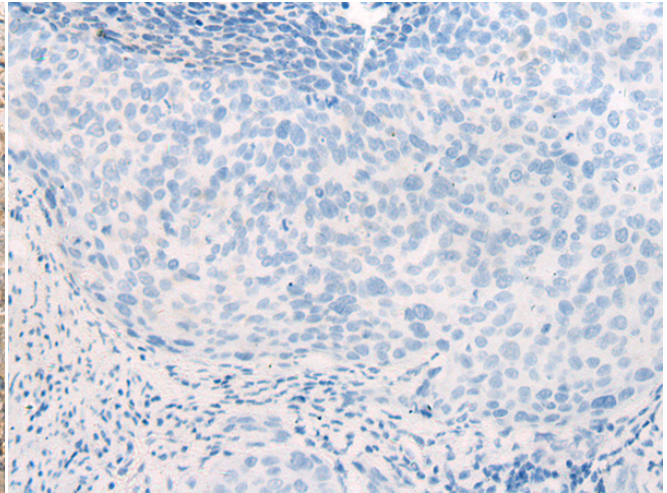
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**研究领域:** Epigenetics and Nuclear Signaling

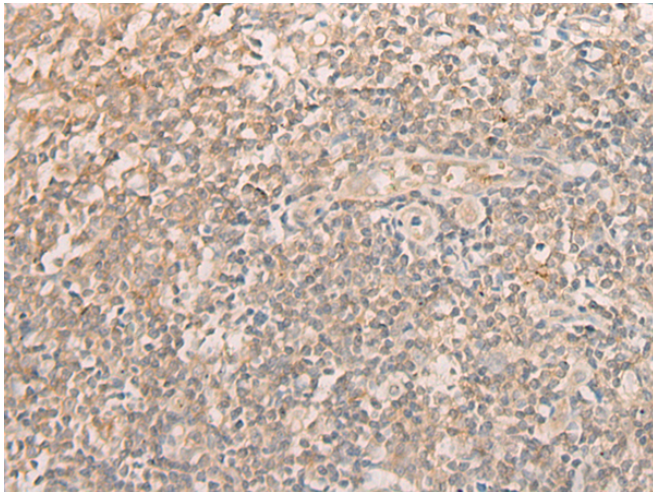
**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



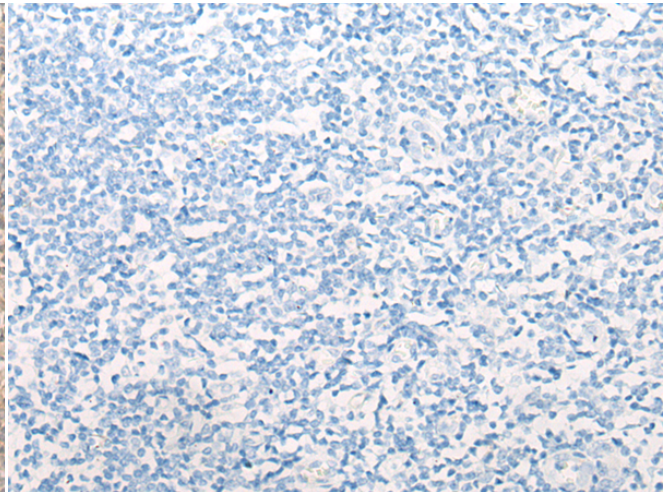
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 221937(EIF2S1 Antibody) at a dilution of 1/20(Cytoplasm).



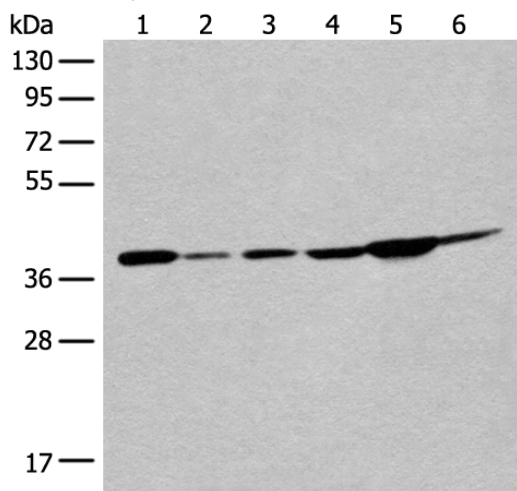
In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the synthetic peptide and then with 221937(Anti-EIF2S1 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 221937(Anti-EIF2S1 Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with synthetic peptide and then with D263768(Anti-EIF2S1 Antibody) at dilution 1/20.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
 Lane 1-6: A549 cell, Human placenta tissue, A172 cell, NIH/3T3 cell, Jurkat cell, Hela cell lysates;  
 Primary antibody: 221937(EIF2S1 Antibody) at dilution 1/250;  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
 Exposure time: 3 minutes



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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