

## OAS2 RABBIT PAB

**Cat.#:** S210493

**Product Name:** Anti-OAS2 Rabbit Polyclonal Antibody

**Synonyms:**

**UNIPROT ID:** P29728 (Gene Accession - BC049215 )

**Background:** This gene encodes a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. The encoded protein is induced by interferons and uses adenosine triphosphate in 2'-specific nucleotidyl transfer reactions to synthesize 2',5'-oligoadenylates (2-5As). These molecules activate latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. The three known members of this gene family are located in a cluster on chromosome 12. Alternatively spliced transcript variants encoding different isoforms have been described.

**Immunogen:** Fusion protein of human OAS2

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 200-1000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

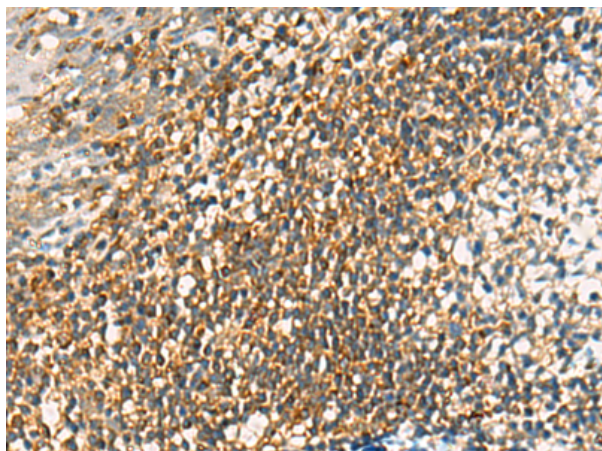
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

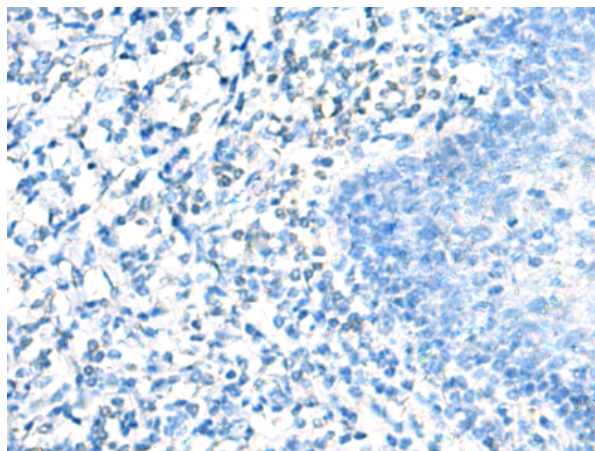
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling, Immunology

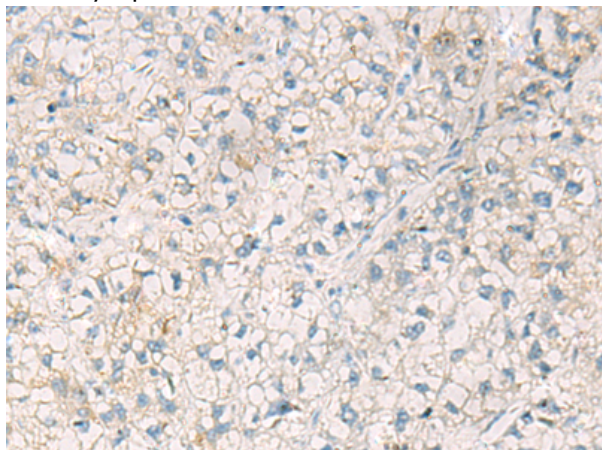
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



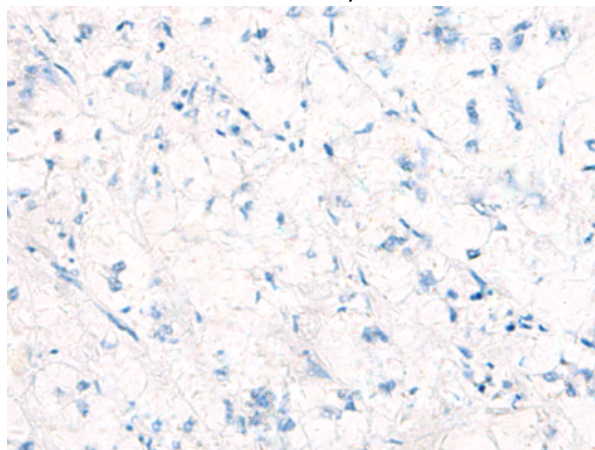
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 210493(OAS2 Antibody) at a dilution of 1/50(Cytoplasm).



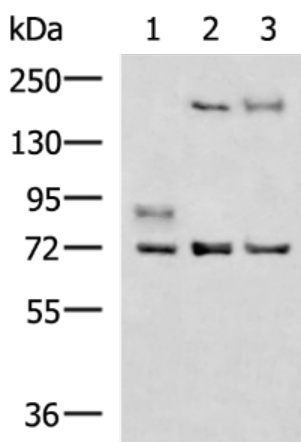
In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 210493(Anti-OAS2 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 210493(Anti-OAS2 Antibody) at a dilution of 1/50.



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with fusion protein and then with D121064(Anti-OAS2 Antibody) at dilution 1/50.



Gel: 6%SDS-PAGE, Lysate: 40 µg;  
 Lane 1-3: A375, RAW264.7, MC3T3-E1 cell lysates;  
 Primary antibody: 210493(OAS2 Antibody) at dilution 1/300;  
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
 Exposure time: 3 minutes



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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