

## ID4 RABBIT PAB

**Cat.#:** S220618

**Product Name:** Anti-ID4 Rabbit Polyclonal Antibody

**Synonyms:** IDB4; bHLHb27

**UNIPROT ID:** P47928 (Gene Accession - NP\_001537 )

**Background:** This gene encodes a member of the inhibitor of DNA binding (ID) protein family. These proteins are basic helix-loop-helix transcription factors which can act as tumor suppressors but lack DNA binding activity. Consequently, the activity of the encoded protein depends on the protein binding partner.

**Immunogen:** Synthetic peptide of human ID4

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

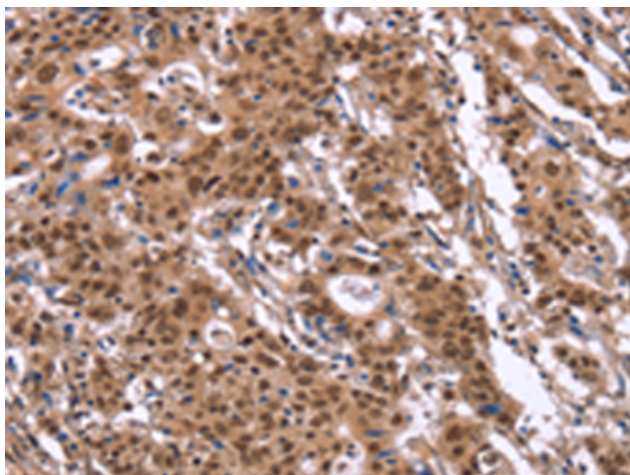
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

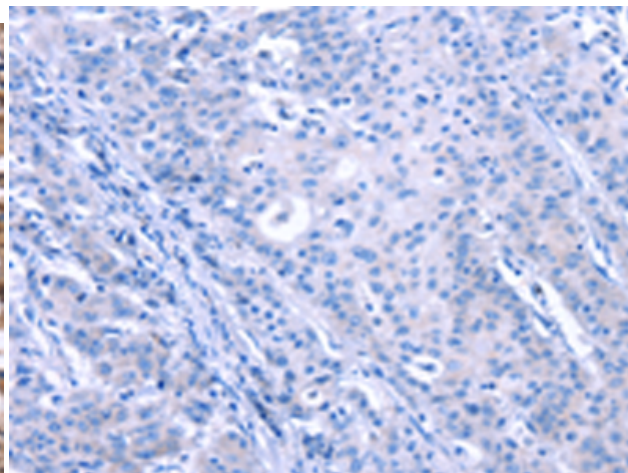
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling, Signal Transduction

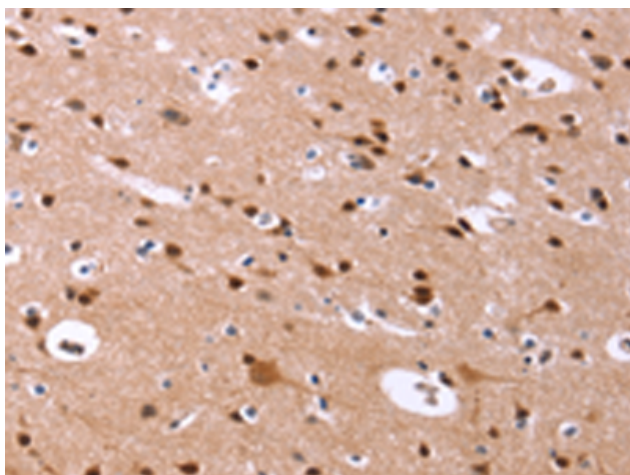
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



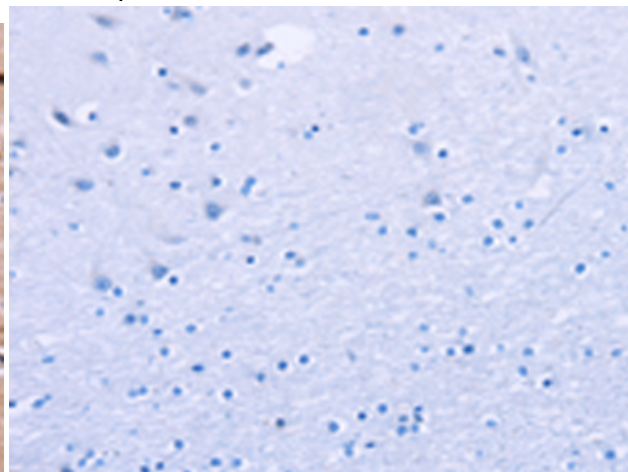
Immunohistochemistry analysis of paraffin-embedded Human gastric cancer tissue using 220618 (ID4 Antibody) at a dilution of 1/40 (Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the synthetic peptide and then with 220618 (Anti-ID4 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 220618 (Anti-ID4 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with synthetic peptide and then with D261772 (Anti-ID4 Antibody) at dilution 1/40.