

Datasheet for ABIN7243241

anti-DEFA4 antibody**2** Images[Go to Product page](#)

Overview

| | |
|--------------|--------------------------------------|
| Quantity: | 200 µL |
| Target: | DEFA4 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DEFA4 antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), ELISA |

Product Details

| | |
|------------------|----------------------------------|
| Immunogen: | Synthetic peptide of human DEFA4 |
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Affinity purification |

Target Details

| | |
|-------------------|---|
| Target: | DEFA4 |
| Alternative Name: | DEFA4 (DEFA4 Products) |
| Background: | <p>Defensins are a family of microbicidal and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina.</p> <p>Members of the defensin family are highly similar in protein sequence and distinguished by a</p> |

Target Details

conserved cysteine motif. Several alpha defensin genes are clustered on chromosome 8. This gene differs from other genes of this family by an extra 83-base segment that is apparently the result of a recent duplication within the coding region. The protein encoded by this gene, defensin, alpha 4, is found in the neutrophils, it exhibits corticostatic activity and inhibits corticotropin stimulated corticosterone production.

NCBI Accession: [NP_001916](#)

UniProt: [P12838](#)

Application Details

Application Notes: IHC 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.9 mg/mL

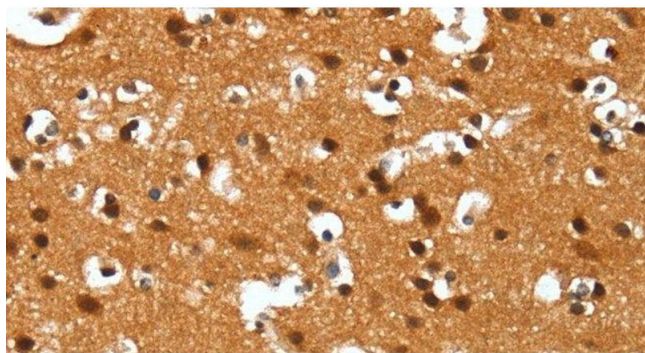
Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

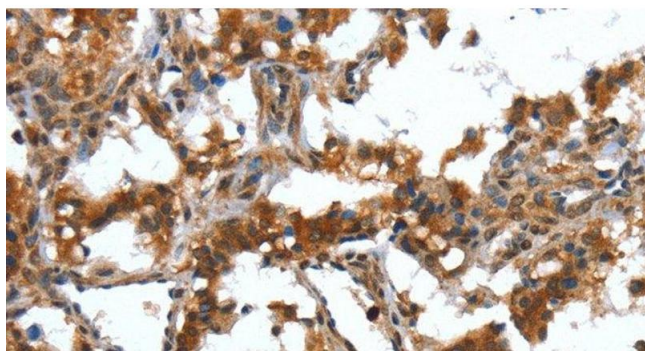
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human brain tissue using DEFA4 Polyclonal Antibody at dilution 1:40



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using DEFA4 Polyclonal Antibody at dilution 1:40