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# FUNDC2 Polyclonal Antibody

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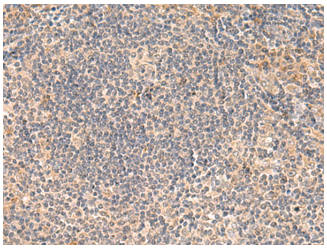
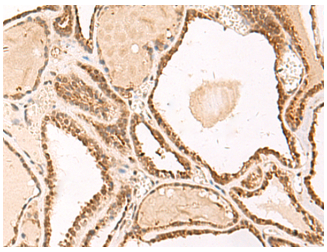
|---|---|---|---|
| **Catalog No.** | E-AB-18928 | **Reactivity** | H |
| **Storage** | Store at -20℃. Avoid freeze / thaw cycles. | **Host** | Rabbit |
| **Applications** | IHC,ELISA | **Isotype** | IgG |

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Images



Immunohistochemistry of paraffin-embedded Human tonsil tissue using FUNDC2 Polyclonal Antibody at dilution of 1:50(×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using FUNDC2 Polyclonal Antibody at dilution of 1:50(×200)

## Immunogen Information

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|---|---|
| **Immunogen** | Fusion protein of human FUNDC2 |
| **Gene Accession** | BC000255 |
| **Swissprot** | Q9BWH2 |
| **Synonyms** | FUNDC 2,HCBP 6,HCBP6,HCC 3,HCC3,MGC131676,MGC2495,PD03104 |

## Product Information

| | |
|---|---|
| **Buffer** | PBS with 0.05% NaN3 and 40% Glycerol,pH7.4 |
| **Purify** | Antigen affinity purification |
| **Dilution** | IHC 1:50-1:300, ELISA 1:5000-1:10000 |

## Background

FUNDC2 (FUN14 domain-containing protein 2), also known as HCC-3 (cervical cancer proto-oncogene 3 protein), HCBP6 (hepatitis C virus core-binding protein 6) or DC44, is a 189 amino acid protein belonging to the FUN14 family. The gene encoding FUNDC2 maps to human chromosome Xq28. The X and Y chromosomes are the human sex chromosomes. Chromosome X consists of about 153 million base pairs and nearly 1,000 genes. The combination of an X and Y chromosome lead to normal male development while two copies of X lead to normal female development. More than one copy of the X chromosome with a Y chromosome causes Klinefelter's syndrome. A single copy of X alone leads to Turner's syndrome. More than 2 copies of the X chromosome, in the absence of a Y chromosome, is known as Triple X syndrome. Color blindness, hemophilia, and Duchenne muscular dystrophy are well known X chromosome-linked conditions which affect males more frequently as males carry a single X chromosome.