

HORMAD2 Polyclonal Antibody

catalog number: E-AB-53135

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

Description

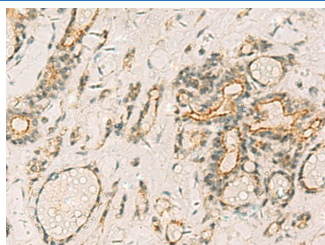
| | |
|---------------------|------------------------------------------------------------------------------------|
| Reactivity | Human |
| Immunogen | Fusion protein of human HORMAD2 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Antigen affinity purification |
| Conjugation | Unconjugated |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

Applications

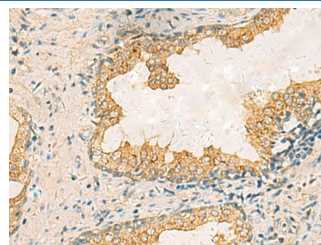
Recommended Dilution

| | |
|------------|------------|
| IHC | 1:50-1:100 |
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Data



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using HORMAD2 Polyclonal Antibody at dilution of 1:35 (×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using HORMAD2 Polyclonal Antibody at dilution of 1:35 (×200)

Preparation & Storage

| | |
|-----------------|----------------------------------------------------------------------------------------------------------|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

Essential for synopsis surveillance during meiotic prophase via the recruitment of ATR activity. Plays a key role in the male mid-pachytene checkpoint and the female meiotic prophase checkpoint: required for efficient build-up of ATR activity on unsynapsed chromosome regions, a process believed to form the basis of meiotic silencing of unsynapsed chromatin (MSUC) and meiotic prophase quality control in both sexes. Required for the DNA double-strand break-independent, BRCA1-dependent activation of ATR on the sex chromosomes that is essential for normal sex body formation (By similarity).

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