# CATSPER3 Polyclonal Antibody

**catalog number:** **E-AB-11037**

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

## Description

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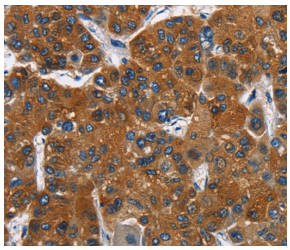
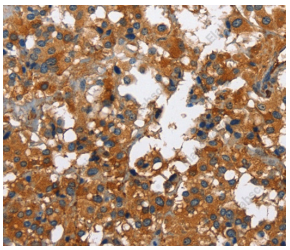
|---|---|
| **Reactivity** | Human |
| **Immunogen** | Recombinant protein of human CATSPER3 |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Purification** | Affinity purification |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **IHC** | 1:100-1:300 |

## Data



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CATSPER3 Polyclonal Antibody at dilution 1:60



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CATSPER3 Polyclonal Antibody at dilution 1:60

## Preparation & Storage

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|---|---|
| **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

CatSper3, is a protein which in humans is encoded by the CATSPER3 gene.CatSper3 is a member of thecation channels of sperm family of proteins.The four proteins in this family together form a Ca2+-permeant ion channel specific essential for the correct function of sperm cells.Voltage-gated calcium channel that plays a central role in calcium-dependent physiological responses essential for successful fertilization, such as sperm hyperactivation, acrosome reaction and chemotaxis towards the oocyte.


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