

## **HORMAD1 Polyclonal Antibody**

Catalog No: YT2207

**Reactivity:** Human; Rat; Mouse;

**Applications:** WB;ELISA

Target: HORMAD1

Gene Name: HORMAD1

**Protein Name:** HORMA domain-containing protein 1

**Human Gene Id:** 84072

**Human Swiss Prot** 

No:

**Mouse Swiss Prot** 

No:

Immunogen:

Q9D5T7

Q86X24

The antiserum was produced against synthesized peptide derived from human

HORMAD1. AA range:321-370

**Specificity:** HORMAD1 Polyclonal Antibody detects endogenous levels of HORMAD1

protein.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 45kD

1/2



### **Background:**

This gene encodes a HORMA domain-containing protein. HORMA domains are involved in chromatin binding and play a role in cell cycle regulation. The encoded protein may play a role in meiosis, and expression of this gene is a potential marker for cancer. A pseudogene of this gene is located on the long arm of chromosome 6. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2010],

#### **Function:**

similarity:Contains 1 HORMA domain.,tissue specificity:Testis-specific. Over-expressed in carcinomas.,

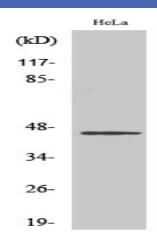
# Subcellular Location:

Nucleus . Chromosome . Preferentially localizes to unsynapsed or desynapsed chromosomal regions during the prophase I stage of meiosis. TRIP13 is required for depletion from synapsed chromosomes. The expression of the phosphorylated form at Ser-377 is restricted to unsynapsed chromosomal regions (By similarity).

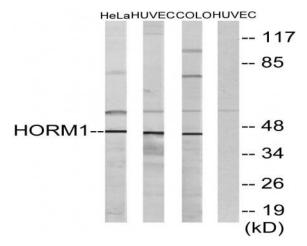
## **Expression:**

Testis-specific. Over-expressed in carcinomas.

# **Products Images**



Western Blot analysis of various cells using HORMAD1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Western blot analysis of lysates from HeLa, HUVEC, and COLO cells, using HORMAD1 Antibody. The lane on the right is blocked with the synthesized peptide.