

## HORMAD1 Polyclonal Antibody

<b>Catalog No :</b>	YT2207
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	HORMAD1
<b>Gene Name :</b>	HORMAD1
<b>Protein Name :</b>	HORMA domain-containing protein 1
<b>Human Gene Id :</b>	84072
<b>Human Swiss Prot No :</b>	Q86X24
<b>Mouse Swiss Prot No :</b>	Q9D5T7
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human HORMAD1. AA range:321-370
<b>Specificity :</b>	HORMAD1 Polyclonal Antibody detects endogenous levels of HORMAD1 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	45kD

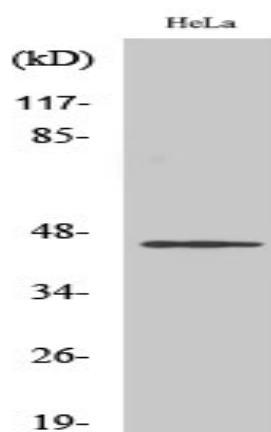
**Background :** This gene encodes a HORMA domain-containing protein. HORMA domains are involved in chromatin binding and play a role in cell cycle regulation. The encoded protein may play a role in meiosis, and expression of this gene is a potential marker for cancer. A pseudogene of this gene is located 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.,

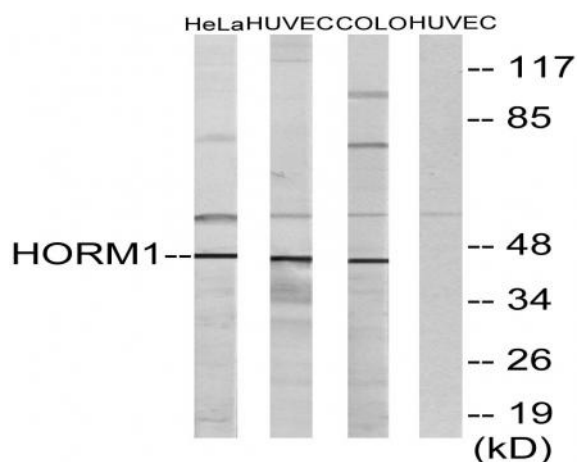
**Subcellular Location :** Nucleus . Chromosome . Preferentially localizes to unsynapsed or desynapsed chromosomal regions during the prophase I stage of meiosis. TRIP13 is required for depletion from synapsed chromosomes. The expression of the phosphorylated form at Ser-377 is restricted to unsynapsed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