



HORMAD1 Polyclonal Antibody

Catalog No	YP-Ab-00421
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	HORMAD1
Immunogen	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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CT46;HORMA domain-containing protein 1;HORMAD 1;NOHMA;HORMAD1; Cancer/testis antigen 46;Newborn ovary HORMA protein
Observed Band	45kD
Calculated Molecular Weight	45kD
Cell Pathway	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). .
Tissue Specificity	Testis-specific. Over-expressed in carcinomas.
Function	similarity:Contains 1 HORMA domain.,tissue specificity:Testis-specific. Over-expressed in carcinomas.,
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],

matters needing attention

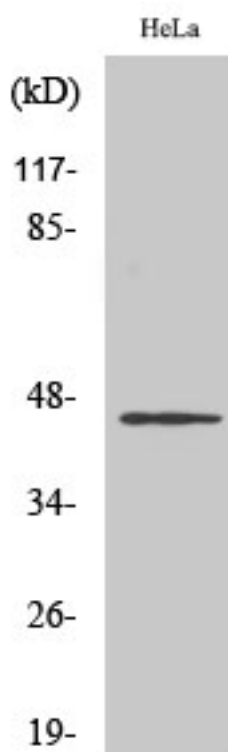
Avoid repeated freezing and thawing!

Usage suggestions

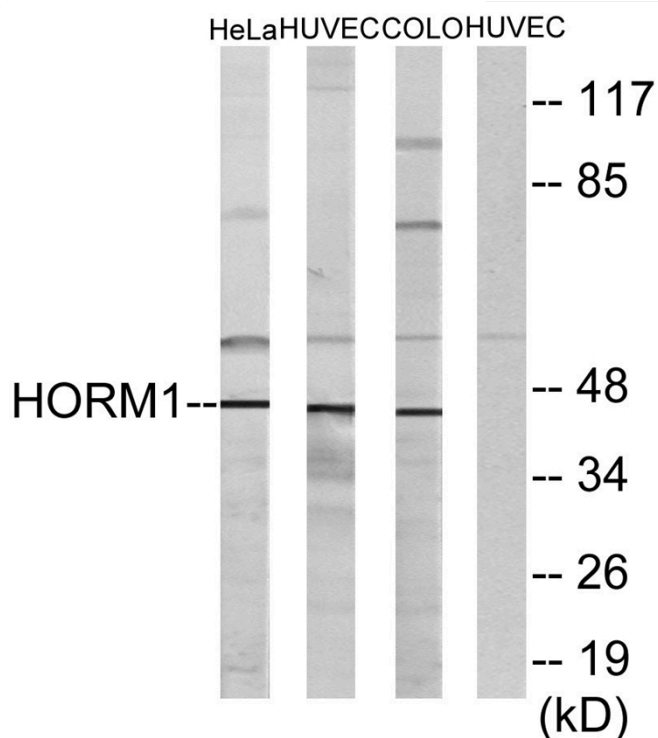
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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.