



CENPR Monoclonal Antibody

Catalog No	YP-mAb-06451
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	ITGB3BP CENPR NRIF3
Protein Name	Centromere protein R (CENP-R) (Beta-3-endonexin) (Integrin beta-3-binding protein) (Nuclear receptor-interacting factor 3)
Immunogen	Synthesized peptide derived from human protein . at AA range: 10-90
Specificity	CENPR Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	19kD
Cell Pathway	[Isoform 1]: Nucleus. Chromosome, centromere. Chromosome, centromere, kinetochore.; [Isoform 2]: Nucleus.; [Isoform 3]: Nucleus. Cytoplasm. Isoform 3 is predominantly nuclear and weakly cytoplasmic.; [Isoform 4]: Cytoplasm.
Tissue Specificity	Widely expressed. Expressed in spleen, thymus, prostate, ovary, small intestine and white blood cells. Highly expressed in testis and colon. Isoform 4 is expressed in platelets, lymphocytes and granulocytes.
Function	domain:Contains one Leu-Xaa-Xaa-Ile-Leu (LXXIL) motif, which is essential for the association with nuclear receptors.,domain:Contains one Leu-Xaa-Xaa-Leu-Leu (LXXLL) motif, a motif known to be important for the association with nuclear receptors. Such motif, which is required for an efficient association with nuclear receptors, is however not essential.,domain:The DD1 domain (also called RepD1 domain) mediates the corepressor function and is essential in the triggering of apoptosis.,function:Transcription coregulator that can have both coactivator and corepressor functions. Isoform 1, but not other isoforms, is involved in the coactivation of nuclear receptors for retinoid X (RXRs) and thyroid hormone (TRs) in a ligand-dependent fashion. In contrast, it does not coactivate nuclear receptors for retinoic acid, vitamin D, progesterone receptor, nor glucocorticoid. Acts as a coactivator for



Background

This gene encodes a transcriptional coregulator that binds to and enhances the activity of members of the nuclear receptor families, thyroid hormone receptors and retinoid X receptors. This protein also acts as a corepressor of NF-kapMAB-dependent signaling. This protein induces apoptosis in breast cancer cells through a caspase 2-mediated signaling pathway. This protein is also a component of the centromere-specific histone H3 variant nucleosome associated complex (CENP-NAC) and may be involved in mitotic progression by recruiting the histone H3 variant CENP-A to the centromere. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011],

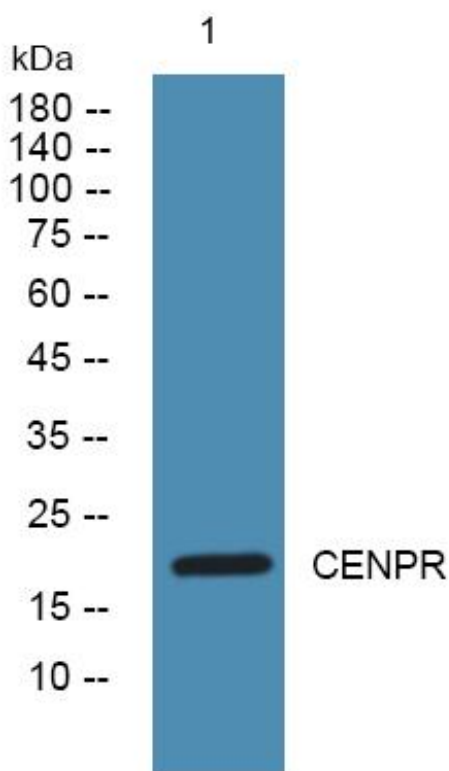
matters needing attention

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 CENPR Monoclonal Antibody