



Anti-ITGB3BP (aa 78-177) polyclonal antibody (DPAB-DC1099)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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-kappaB-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.
Immunogen	ITGB3BP (NP_055103, 78 a.a. ~ 177 a.a) partial recombinant protein with GST tag. The sequence is STTKDNDEFMMLLSKVEKLSEEIMEIMQNLSSIQALEGSRELENLIGISCASHFLKREMQ KTKELMTKVNKQKLFEKSTGLPHKASRHLDSEFLKAILN
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ITGB3BP integrin beta 3 binding protein (beta3-endonexin) [Homo sapiens (human)]
Official Symbol	ITGB3BP
Synonyms	ITGB3BP; integrin beta 3 binding protein (beta3-endonexin); CENPR; NRIF3; TAP20; CENP-R; HSU37139; centromere protein R; beta 3 endonexin; beta-3-endonexin; integrin beta-3-binding protein; nuclear receptor-interacting factor 3;
Entrez Gene ID	23421
Protein Refseq	NP_001193668
UniProt ID	Q13352
Chromosome Location	1p31.3
Pathway	Cell Cycle; Cell death signalling via NRAGE, NRIF and NADE; Deposition of new CENPA-containing nucleosomes at the centromere; Mitotic Anaphase
Function	protein C-terminus binding; signal transducer activity;