



Anti-TRIM5 (aa 309-418) polyclonal antibody (DPAB-DC3565)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein forms homo-oligomers via the coiled-coil region and localizes to cytoplasmic bodies. It appears to function as a E3 ubiquitin-ligase and ubiquitinates itself to regulate its subcellular localization. It may play a role in retroviral restriction. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Immunogen	TRIM5 (NP_149023, 309 a.a. ~ 418 a.a) partial recombinant protein with GST tag. The sequence is SCAIVEDSKRQVSSPKPQIYGARGTRYQTFVNFnYCTGILGSQSITSGKHYWEVDVSKK TAWILGVCAGFQPDAMCNIEKNENYQPKYGYWVIGLEEGVKCSAFQDSSF
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	TRIM5 tripartite motif containing 5 [Homo sapiens (human)]
Official Symbol	TRIM5
Synonyms	TRIM5; tripartite motif containing 5; RNF88; TRIM5alpha; tripartite motif-containing protein 5; ring finger protein 88; tripartite motif protein TRIM5; tripartite motif containing 5 transcript variant iota; tripartite motif containing 5 transcript variant kappa;
Entrez Gene ID	85363
Protein Refseq	NP_149023
UniProt ID	Q9C035
Chromosome Location	11p15
Function	identical protein binding; ligase activity; protein binding; protein homodimerization activity
