



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

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| 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 SCAISEDKQRQVSSPKPQIIYGARGTRYQTFVNFNYCTGILGSQSITSGKHYWEVDVSKK 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

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| 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 |