TRIM5 alpha Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 253468
Unit: 0.1 mg

Description:
TRIM5 is a member of a broad family of otherwise unrelated proteins defined by the presence of a tripartite motif containing a RING domain, a B-box type 1, and a B-box type 2, followed by a coiled-coil region. TRIM5 has six alternately spliced isoforms, the longest of which is the alpha variant which also contains a carboxy-terminal B30.2 (SPRY) domain. Expression of TRIM5alpha variants from humans, rhesus monkeys, and African green monkeys enabled resistance to infection by various retroviruses including HIV-1, albeit at differing efficiencies. All TRIM5alpha variants could inhibit at least two different retroviruses, but not from those viruses isolated from the same species, suggesting that TRIM5alpha acts as a natural barrier to cross-species retrovirus transmission.

Isotype: Rabbit Ig
Applications: E, WB, IHC
Species Reactivity: H
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.
Alternate Names: TRIM5 alpha ; TRIM5a
Accession No.: NP_149023

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human TRIM5 alpha.
Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.