

12-8522: Anti-Human TRIM5 α (CT)

Clonality : Polyclonal

Application : IHC,WB

Reactivity : Human

Description

Specificity: Rabbit Anti-Human TRIM5 α recognizes an epitope near the C-terminus of Human TRIM5 α . This polyclonal antibody was purified using affinity chromatography.

Background: 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 variant which also contains a carboxy-terminal B30.2 (SPRY) domain. Expression of TRIM5 α variants from humans, rhesus monkeys, and African green monkeys enabled resistance to infection by various retroviruses including HIV-1, albeit at differing efficiencies. All TRIM5 α variants could inhibit at least two different retroviruses, but not from those viruses isolated from the same species, suggesting that TRIM5 α acts as a natural barrier to cross-species retrovirus transmission.

Product Info

Amount : 20 μ g / 0.1 mg

Concentration: 0.5 mg/ml

Content : Formulation: This polyclonal antibody is formulated in phosphate buffered saline (PBS) pH 7.4 containing 0.02% sodium azide as a preservative.

Storage condition : This polyclonal antibody is stable for at least one week when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at -20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.