

AP05281CP-N**Lass4 control peptide****Alternate names:**

LAG1 longevity assurance homolog 4, TRAM homolog 1, TRH1, Translocating chain-associating membrane protein homolog 1

Quantity:

50 µg

Concentration:

Lot specific

Background:

It is thought that Lass4 may be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing different fatty acid donors (N-linked stearyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner.

Uniprot ID:[Q9HA82](#)**NCBI:**[NP_078828.2](#)**GeneID:**[79603](#)**Immunogen:**

Synthetic peptide derived from human Lass4 protein

Format:**State:** Liquid purified peptide**Buffer System:** Phosphate buffered saline with 0.08% sodium azide**Applications:**

Western blot.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

Control peptide for antibodies AP05281PU-N and AP05281SU-N only.

Species: Human.

Other species not tested.

Storage:

Store at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

Western blot analysis using LAG1 longevity assurance homolog 4 at 0.75µg/ml on human lung lysate 14 µg/lane. Lane A] conjugate alone, Lane B] antibody plus 27 µg blocking peptide, Lane C] antibody alone. Visualized using Pierce West Femto substrate system. Anti Rabbit secondary used at 1:3.5K dilution. Exposure for 5 minutes.

