

D8Ertd738e (A-15): sc-241282

BACKGROUND

D8Ertd738e, also known as leydig cell tumor 10 kDa protein homolog, is a 94 amino acid protein that belongs to the UPF0390 family and may have a potential role in hypercalcemia of malignancy. The human homolog of D8Ertd738e, known as leydig cell tumor 10 kDa protein homolog or C19orf53, is a 99 amino acid protein that belongs to the UPF0390 family. The genes that encode D8Ertd738e and Leydig cell tumor 10 kDa protein homolog map to mouse chromosome 8 C3 and human chromosome 19, respectively. Consisting of around 63 million bases with more than 1,400 genes, chromosome 19 makes up over 2% of human genomic DNA.

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STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

CHROMOSOMAL LOCATION

Genetic locus: D8Ertd738e (mouse) mapping to 8 C3.

SOURCE

D8Ertd738e (A-15) is an affinity purified goat polyclonal antibody raised against a peptide mapping at the N-terminus of D8Ertd738e of mouse origin.

PRODUCT

Each vial contains 200 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-241282 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

D8Ertd738e (A-15) is recommended for detection of D8Ertd738e of mouse origin and LOC288913 of rat origin of mouse and rat origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for D8Ertd738e siRNA (m): sc-142855, D8Ertd738e shRNA Plasmid (m): sc-142855-SH and D8Ertd738e shRNA (m) Lentiviral Particles: sc-142855-V.

Molecular Weight of D8Ertd738e: 10 kDa.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use donkey anti-goat IgG-HRP: sc-2020 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible donkey anti-goat IgG-HRP: sc-2033 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunofluorescence: use donkey anti-goat IgG-FITC: sc-2024 (dilution range: 1:100-1:400) or donkey anti-goat IgG-TR: sc-2783 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.