

FAM184A (h): 293T Lysate: sc-176994

BACKGROUND

Making up nearly 6% of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence of a cancer susceptibility locus. Porphyria cutanea tarda is associated with chromosome 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatibility complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6. Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6. A bipolar disorder susceptibility locus has been identified on the q arm of chromosome 6. The FAM184A gene product has been provisionally designated FAM184A pending further characterization.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: FAM184A (human) mapping to 6q22.31.

PRODUCT

FAM184A (h): 293T Lysate represents a lysate of human FAM184A transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

FAM184A (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive FAM184A antibodies. Recommended use: 10-20 µl per lane.

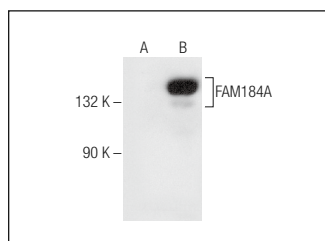
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

AM184A (G-10): sc-377116 is recommended as a positive control antibody for Western Blot analysis of enhanced human FAM184A expression in FAM184A transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

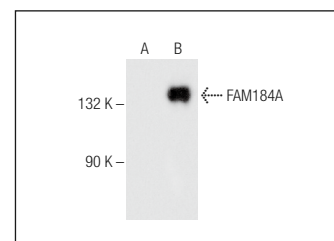
RECOMMENDED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended: 1) Western Blotting: use m-IgGκ BP-HRP: sc-516102 or m-IgGκ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

DATA



FAM184A (G-10): sc-377116. Western blot analysis of FAM184A expression in non-transfected: sc-117752 (A) and human FAM184A transfected: sc-176994 (B) 293T whole cell lysates.



FAM184A (G-7): sc-377051. Western blot analysis of FAM184A expression in non-transfected: sc-117752 (A) and human FAM184A transfected: sc-176994 (B) 293T whole cell lysates.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

RESEARCH USE

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

PROTOCOLS

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