



Anti-FBG4 (F Box 4)

CATALOG NUMBER: MUB0601P

CLONE: /

SPECIES / ISOTYPE: rabbit polyclonal Ig

PRODUCT FORM: antiserum

BACKGROUND

F-box proteins, a critical component of the evolutionary conserved ubiquitin-protein ligase complex SCF (Skp1/Cdc53-Cullin1/F-box), recruit substrates for ubiquitination and consequent degradation through their specific protein-protein interaction domains. Novel human F-box proteins named FBG1, FBG2, FBG3, FBG4 and FBG5 constitute a third subfamily of mammalian F-box proteins. FBG genes are expressed in a limited number of human tissues including kidney, liver, brain and muscle tissues.

SOURCE

PRODUCT

Each vial contains 1 ml of rabbit polyclonal serum in PBS containing 0.02% sodium azide.

SPECIFICITY

Residues with residues 70-85 (LQLARDRSAEGRALYA) of the human FBG4 protein. Cross reacts with mouse and rat FBG4 (100% sequence identity).

Western blot – Use at 1:500 to 1:1000 dilution. However, the investigator should determine the optimal dilution for a specific application such as immunohistochemistry.

SPECIES REACTIVITY

Rabbit.

STORAGE

Maintain at +2-8°C for 3 months or at -20°C for longer periods. Stable for 1 year. Avoid repeated freeze-thaw cycles.

REFERENCES

1. Ilyin, G.P. *et al.* Gene. 2002 Aug 21;296(1-2): 11-20.

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WARNING and CAUTION

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals.

This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strong acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water.