

Anti-FBG4 (F Box 4) Antibody

ORDERING INFORMATION

Catalog No.: 28105

Size: 100 ug IgG in PBS, pH 7.4,
purified by immunoaffinity chroma-
tography.

BACKGROUND

F-box proteins, critical components of the 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 subfamily of mammalian F-box proteins. FBG genes are expressed in a limited number of human tissues including kidney, liver, brain and muscle tissues.

SPECIFICATION SUMMARY

Immunogen: Synthetic peptide corresponding to amino acids 70-85 (LQLARDRSAEGRALYA) of human FBG4 conjugated to KLH at the N-terminus.

Host Species: Rabbit

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY

This antibody recognizes amino acids human FBG4. Sequence homology to mouse and rat FBG4 protein is 100%.

APPLICATIONS

Immunoblotting : use at 1:500 dilution.

A band of approximately 31 kDa is detected.

Positive control: recombinant human full length FBG4 protein.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

BACKGROUND REFERENCE

Ilyin,GP et al. (2002) Gene 296:11-20.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.