FKBPL Polyclonal Antibody

catalog number: E-AB-52239

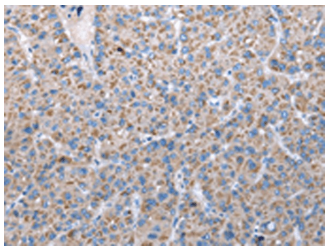
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

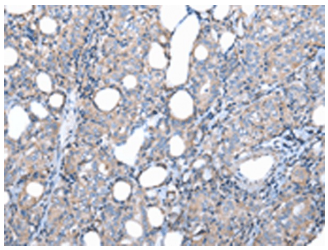
Reactivity	Human;Mouse;Rat
Immunogen	Fusion protein of human FKBPL
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
IHC	1:30-1:150

Data



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using FKBPL Polyclonal Antibody at dilution of 1:50(×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using FKBPL Polyclonal Antibody at dilution of 1:50(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

FKBPL,also named as DIR1,NG7 and WISp39,has similarity to the immunophilin protein family,which plays a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This protein is thought to have a potential role in the induced radioresistance,probably by increasing the rate of DNA repair in cells exposed to X rays. Also it appears to have some involvement in general stress response in the control of the cell cycle. It regulates p21 protein stability by binding to Hsp90 and p21. Breast cancer cells stably overexpressing FKBPL became dependent on estrogen for their growth and were dramatically more sensitive to the antiestrogens tamoxifen and fulvestrant,whereas FKBPL knockdown reverses this phenotype. FKBPL is an estrogen-inducible gene that acts as a cochaperone in ERα/ Hsp90 molecular complexes; furthermore,FKBPL levels may be both a prognostic indicator and determinant of response to endocrine therapy.

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