

TERE1 Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 34031

Size: 100ug Protein G-purified antibody in PBS, pH 7.4.

BACKGROUND

A ubiquitously expressed gene designated TERE1 (Transitional Epithelial Response Gene 1), which maps to chromosome 1p36.11-1p36.33, has a significant effect on growth regulation of bladder cancer and may play an equally significant role in growth regulation of prostate cancer. The TERE1 gene is located between the micro-satellite markers D1S2667 and D1S434, a chromosome locus that has been identified as a site of a tumor suppressor gene or genes for multiple tumor types. Induced TERE1 expression in two prostate carcinoma cell lines, LNCaP and PC-3, decreased proliferation up to 80% with a significant increase in the number of cells in G1. The TERE1 transcript is present in most normal human tissues, but is reduced or absent in the majority of muscle invasive TCC (Transitional Cell Carcinoma of the bladder) tumors.

SPECIFICATION SUMMARY

Immunogen: Synthetic peptide corresponding to amino acids 32-45 of human TERE1. This sequence is 85% homologous with mouse and rat.

Host Species: Rabbit

Antibody Class: Polyclonal

Preservatives: None. Available on request.

SPECIFICITY

This antibody recognizes human TERE1. Other species have not been tested.

APPLICATIONS

Immunoblotting : use at 1-5ug/ml. A band of approximately 37 kDa is detected. These are recommended concentrations. User should determine optimal concentrations for their applications.

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.

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