

# ▶ TEX15 (N-15): sc-87452

## BACKGROUND

TEX15 (testis expressed 15), also known as CT42, is a 2,789 amino acid protein that is expressed exclusively in testicular and cancerous tissues and may be involved in the development and metastasis of several different types of tumors. The gene encoding TEX15 maps to human chromosome 8. Consisting of nearly 146 million base pairs, chromosome 8 encodes over 800 genes and is associated with a variety of diseases and malignancies. Schizophrenia, bipolar disorder, Trisomy 8, Pfeiffer syndrome, congenital hypothyroidism, Waardenburg syndrome and some leukemias and lymphomas are thought to occur as a result of defects in specific genes that maps to chromosome 8.

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## CHROMOSOMAL LOCATION

Genetic locus: TEX15 (human) mapping to 8p12; Tex15 (mouse) mapping to 8 A4.

## RESEARCH USE

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

## SOURCE

TEX15 (N-15) is an affinity purified rabbit polyclonal antibody raised against a peptide mapping near the N-terminus of TEX15 of human origin.

## PRODUCT

Each vial contains 100 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-87452 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

## APPLICATIONS

TEX15 (N-15) is recommended for detection of TEX15 of mouse and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000); non cross-reactive with TEX264.

TEX15 (N-15) is also recommended for detection of TEX15 in additional species, including canine.

Suitable for use as control antibody for TEX15 siRNA (h): sc-77493, TEX15 siRNA (m): sc-154215, TEX15 shRNA Plasmid (h): sc-77493-SH, TEX15 shRNA Plasmid (m): sc-154215-SH, TEX15 shRNA (h) Lentiviral Particles: sc-77493-V and TEX15 shRNA (m) Lentiviral Particles: sc-154215-V.

Molecular Weight of TEX15: 315 kDa.

## RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use goat anti-rabbit IgG-HRP: sc-2004 (dilution range: 1:2000-1:100,000) or Cruz Marker<sup>™</sup> compatible goat anti-rabbit IgG-HRP: sc-2030 (dilution range: 1:2000-1:5000), Cruz Marker<sup>™</sup> Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunofluorescence: use goat anti-rabbit IgG-FITC: sc-2012 (dilution range: 1:100-1:400) or goat anti-rabbit IgG-TR: sc-2780 (dilution range: 1:100-1:400) with UltraCruz<sup>™</sup> Mounting Medium: sc-24941.

## STORAGE

Store at 4° C, **\*\*DO NOT FREEZE\*\***. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) or our catalog for detailed protocols and support products.