

## Product datasheet for **TA350541**

### TRIM50C (TRIM74) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 30-150 Positive control: Human esophagus cancer Predicted cell location: Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tripartite motif containing 74
Database Link:	<a href="#">NP_942150</a> <a href="#">Entrez Gene 378108 Human</a> <a href="#">Q86UV6</a>



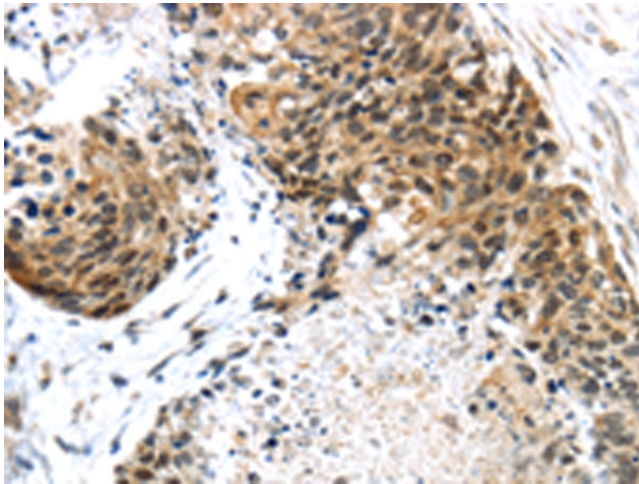
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**Background:**

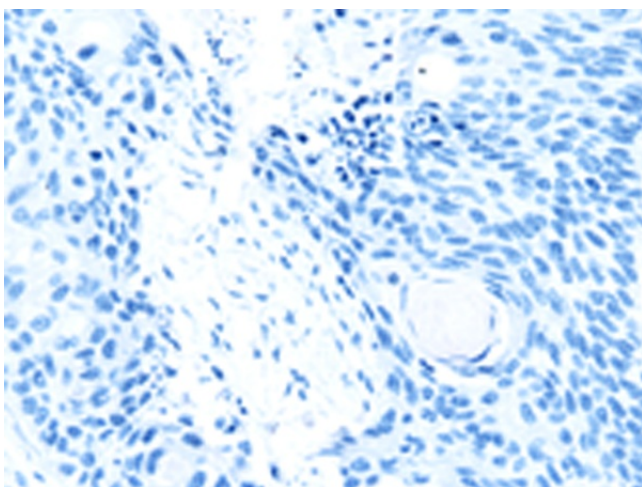
TRIM 74 (Tripartite motif-containing protein 74) is a possible protein coding regions found at gene location 7q11.23. Tripartite motif (TRIM) proteins play important roles in a variety of cellular functions including cell proliferation, differentiation, development, oncogenesis, and apoptosis. TRIM gene expression analysis in primary human immune cells seem to suggest the involvement of TRIM proteins in also regulating host antiviral activities. The gene encoding TRIM 74 maps to human chromosome 7, which houses over 1,000 genes and comprises nearly 5% of the human genome. Chromosome 7 has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders including cases of acute myelogenous leukemia and myelodysplasia.

**Synonyms:**

TRIM50C

**Product images:**

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA350541 (TRIM74 Antibody) at dilution 1/45 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA350541 (TRIM74 Antibody) at dilution 1/45, treated with fusion protein. (Original magnification: ×200)