# TRIM74 Antibody

Catalog No: #40168

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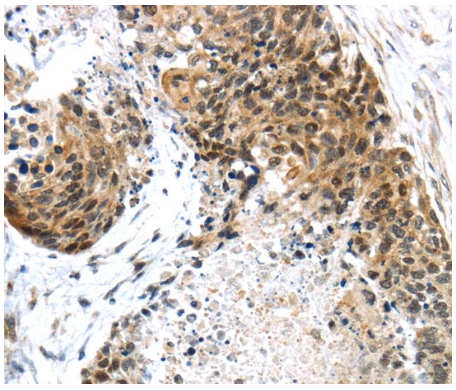
## Description

| | |
|---|---|
| Product Name | TRIM74 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification. |
| Applications | IHC |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total TRIM74 protein. |
| Immunogen Type | Protein |
| Immunogen Description | Full length fusion protein |
| Target Name | TRIM74 |
| Other Names | TRIM50C |
| Accession No. | Swiss-Prot:Q86UV6Gene Accssion:BC033871 |
| Uniprot | Q86UV6 |
| GeneID | 378108; |
| Concentration | 2.7mg/ml |
| Formulation | Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol. |
| Storage | Store at -20°C |

## Application Details

Immunohistochemistry:1:30-1:150

## Images



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #40168 at dilution 1/45.

## 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.

Note: This product is for in vitro research use only