

## LTBP4 Antibody

Catalog No: #43963

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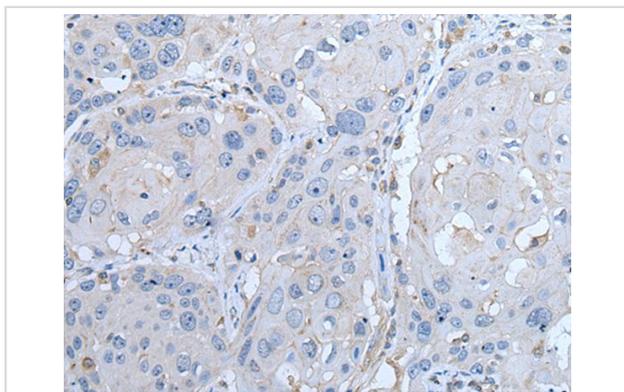
## Description

Product Name	LTBP4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total LTBP4 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human LTBP4
Target Name	LTBP4
Other Names	ARCL1C; LTBP-4; LTBP4L; LTBP4S
Accession No.	Swiss-Prot#: Q8N2S1NCBI Gene ID: 8425
Uniprot	Q8N2S1
GeneID	8425;
Concentration	0.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

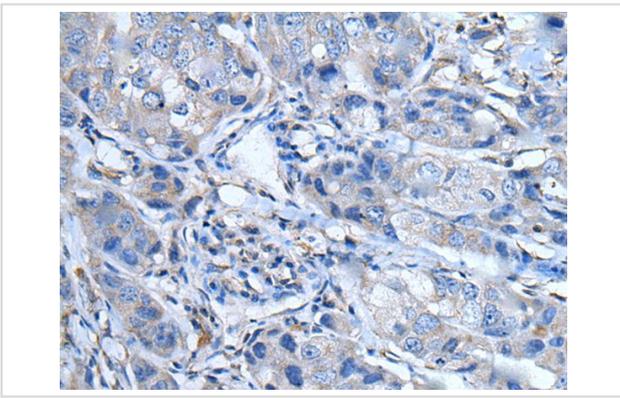
## Application Details

Immunohistochemistry: 1: 20-100

## Images



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using LTBP4 Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using LTBP4 Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)

## Background

The protein encoded by this gene binds transforming growth factor beta (TGFB) as it is secreted and targeted to the extracellular matrix. TGFB is biologically latent after secretion and insertion into the extracellular matrix, and sheds TGFB and other proteins upon activation. Defects in this gene may be a cause of cutis laxa and severe pulmonary, gastrointestinal, and urinary abnormalities. Three transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only