

## Product datasheet for **TA372553**

### FBXL4 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 30-150 Positive control: Human ovarian cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human FBXL4
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.
Stability:	1 year
Gene Name:	F-box and leucine-rich repeat protein 4
Database Link:	<a href="#">Entrez Gene 26235 Human Q9UKA2</a>

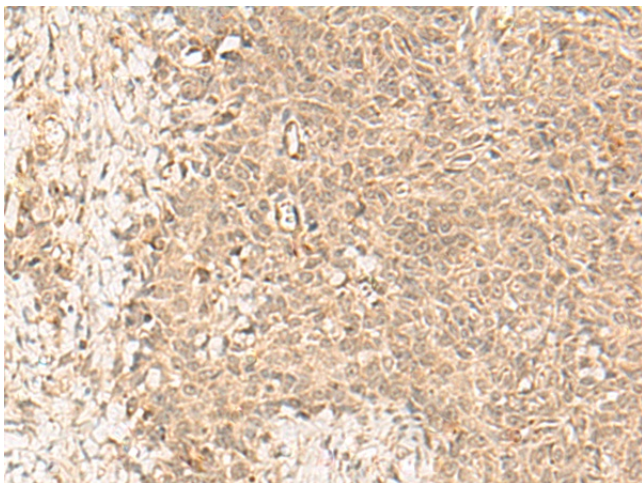
**Background:** This gene encodes a member of the F-box protein family, which are characterized by an approximately 40 amino acid motif, the F-box. F-box proteins constitute one subunit of modular E3 ubiquitin ligase complexes, called SCF complexes, which function in phosphorylation-dependent ubiquitination. The F-box domain mediates protein-protein interactions and binds directly to S-phase kinase-associated protein 1. In addition to an F-box domain, the encoded protein contains at least 9 tandem leucine-rich repeats. The ubiquitin ligase complex containing the encoded protein may function in cell-cycle control by regulating levels of lysine-specific demethylase 4A. Alternative splicing results in multiple transcript variants.



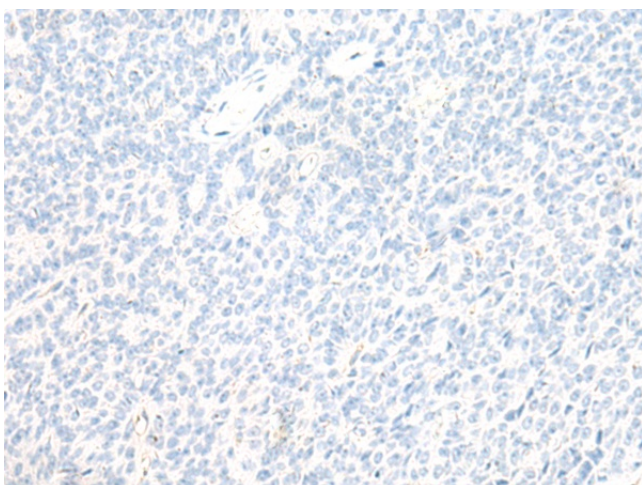
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Synonyms: FBL4; FBL5; OTTHUMP00000016888

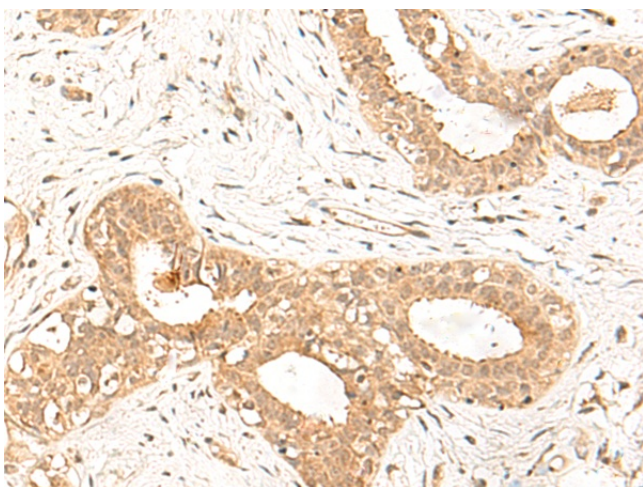
### Product images:



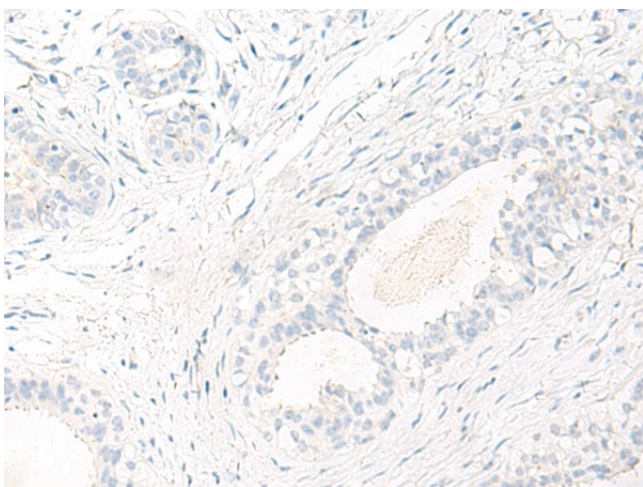
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA372553 (FBXL4 Antibody) at dilution 1/25 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA372553 (FBXL4 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA372553 (FBXL4 Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA372553 (FBXL4 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification:  $\times 200$ )