

# FBXL15 Polyclonal antibody

Catalog Number: 20895-1-AP

## Basic Information

<b>Catalog Number:</b> 20895-1-AP	<b>GenBank Accession Number:</b> BC002912	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 79176	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H469	
<b>Isotype:</b> IgG	<b>Full Name:</b> F-box and leucine-rich repeat protein 15	
<b>Immunogen Catalog Number:</b> AG14949	<b>Calculated MW:</b> 300 aa, 33 kDa	
	<b>Observed MW:</b> 33 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> MDA-MB-453s cells, <b>IHC :</b> human breast cancer tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

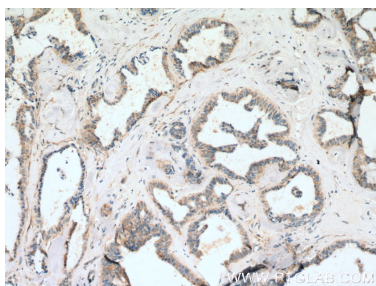
## Background Information

FBXL15, also known as FBXO37, belongs to the FBXL15 family. FBXL15 plays a role in the G2/M transition of the cell cycle, as well as in cellular protein metabolic processes and the positive regulation of the bone morphogenetic proteins signaling pathway (PMID: 38711244). The calculated molecular weight of FBXL15 is 33 kDa.

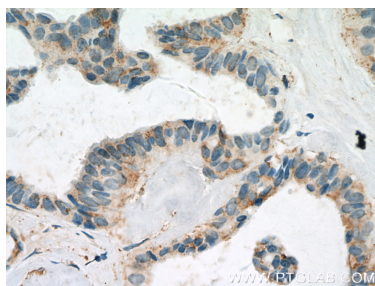
## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

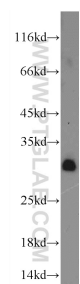
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 20895-1-AP (FBXL15 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 20895-1-AP (FBXL15 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



MDA-MB-453s cells were subjected to SDS PAGE followed by western blot with 20895-1-AP (FBXL15 Antibody) at dilution of 1:300 incubated at 4 degree celsius over night.