10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

FBXW12 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10268b

Specification

FBXW12 Antibody (C-term) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	Q6X9E4
Other Accession	NP_001153399.1, NP_001153401.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**53056**
Antigen Region	**291-320**

FBXW12 Antibody (C-term) - Additional Information

Gene ID 285231

Other Names
F-box/WD repeat-containing protein 12, F-box and WD-40 domain-containing protein 12, F-box only protein 35, FBXW12, FBW12, FBXO12, FBXO35

Target/Specificity
This FBXW12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 291-320 amino acids from the C-terminal region of human FBXW12.

Dilution
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
FBXW12 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FBXW12 Antibody (C-term) - Protein Information

Name FBXW12

Synonyms FBW12, FBXO12, FBXO35

Function Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex (PubMed:26171402). Promotes degradation of interleukin-22 receptor subunit IL22RA1 in resting and IL22-stimulated conditions by facilitating its ubiquitination (PubMed:26171402). Functions as a cell growth suppressor (PubMed:26171402).

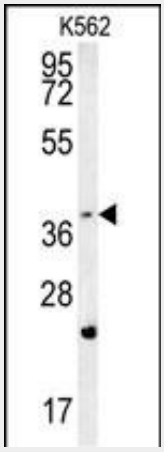
Tissue Location
Ubiquitously expressed.

FBXW12 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

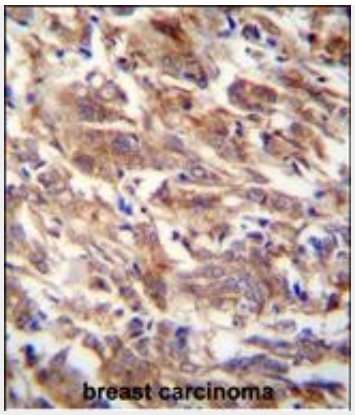
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FBXW12 Antibody (C-term) - Images

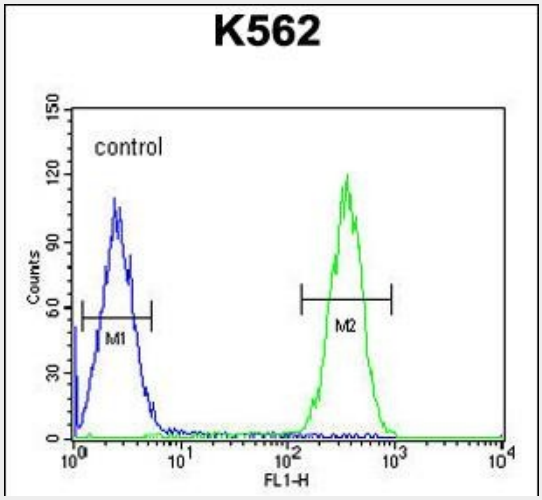


FBXW12 Antibody (C-term) (Cat. #AP10268b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the FBXW12 antibody detected the FBXW12 protein (arrow).

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



FBXW12 antibody(C-term) (Cat. #AP10268b) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FBXW12 antibody(C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



FBXW12 Antibody (C-term) (Cat. #AP10268b) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

FBXW12 Antibody (C-term) - Background

Members of the F-box protein family, such as FBXW12, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603034), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).[supplied by OMIM].

FBXW12 Antibody (C-term) - References

Jin, J., et al. Genes Dev. 18(21):2573-2580(2004)
Zeng, L., et al. Mol. Biol. Rep. 31(1):51-57(2004)