



Rabbit Anti-FBXW8 antibody

SL8395R

Product Name:	FBXW8
Chinese Name:	FBXW8蛋白抗体
Alias:	F box/WD repeat containing protein 8; F box and WD40 domain containing protein 8; F-box only protein 29; F box only protein 29; FBW6; FBW8; FBX29; FBXO29; FBXW6; FBXW8 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	67kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FBXW8/FBXO29:181-280/598
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	FBXO29, also designated F-box/WD repeat-containing protein 8 (FBXW8), is a 598 amino acid protein that contains one 40 amino acid F-box region, making it a member of the F-box family. FBXO29 also contains five WD repeats. F-box proteins are critical components of the SCF (Skp1-CUL-1-F-box protein) type E3 ubiquitin ligase complex and are involved in substrate recognition and recruitment for ubiquitination. F-box

proteins are members of a large family that regulates cell cycle, immune response, signaling cascades and developmental programs by targeting proteins, such as cyclins, cyclin-dependent kinase inhibitors, I κ B- β and β -catenin, for degradation by the proteasome after ubiquitination. Functioning as a component of the SCF complex, FBXO29 is thought to recognize and bind to select phosphorylated proteins, thereby promoting their ubiquitination and subsequent degradation. FBXO29 exists as two isoforms as a result of alternative splicing events.

Function:

Substrate-recognition component of a SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin-protein ligase complex, which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (By similarity).

Subunit:

Part of a SCF-like complex consisting of CUL7, RBX1, SKP1, FBXW8 and GLMN isoform 1. Interacts with CUL7.

Similarity:

Contains 1 F-box domain.

Contains 5 WD repeats.

SWISS:

Q8N3Y1

Gene ID:

26259

Database links:

[Entrez Gene: 26259](#)Human

[Omin: 609073](#)Human

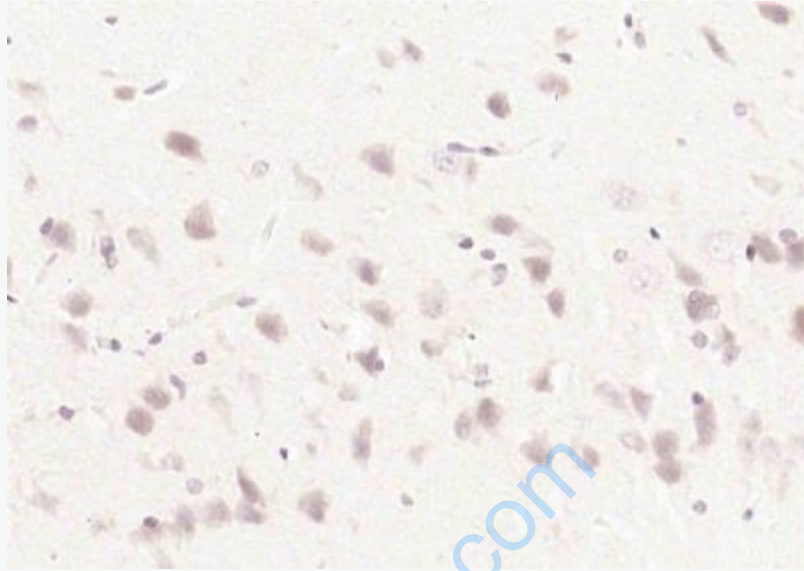
[SwissProt: Q8N3Y1](#)Human

[Unigene: 624537](#)Human

[Unigene: 696428](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FAM46C) Polyclonal Antibody, Unconjugated (SL8395R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.