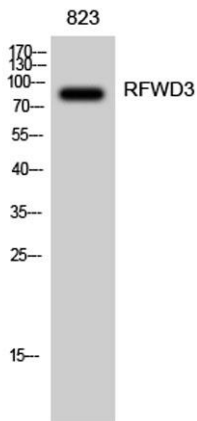


RFWD3 rabbit pAb**Cat#: orb769586 (Manual)**

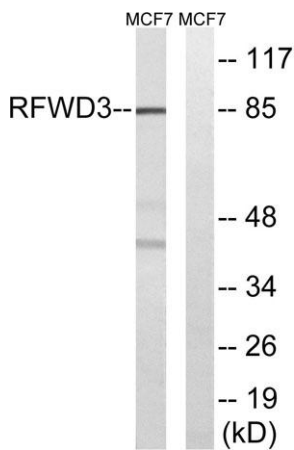
For research use only. Not intended for diagnostic use.

Product Name	RFWD3 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human RFWD3. AA range:374-423
Specificity	RFWD3 Polyclonal Antibody detects endogenous levels of RFWD3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	E3 ubiquitin-protein ligase RFWD3
Gene Name	RFWD3
Cellular localization	Nucleus . Nucleus, PML body . Cytoplasm . In undamaged cells, found both in the cytoplasm and in the nucleus, partially associated with PML nuclear bodies (PubMed:21558276). In response to replication block, such as that caused by hydroxyurea treatment, or to DNA damage caused by ionizing radiations or doxorubicin, recruited to the nucleus, to stalled replication forks or to sites of DNA repair (PubMed:21504906, PubMed:28575657). This recruitment depends upon RPA2 (PubMed:21504906). .

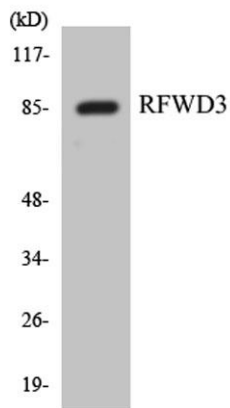
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	85kD
Human Gene ID	55159
Human Swiss-Prot Number	Q6PCD5
Alternative Names	RFWD3; RNF201; E3 ubiquitin-protein ligase RFWD3; RING finger and WD repeat domain-containing protein 3; RING finger protein 201
Background	PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 RING-type zinc finger.,similarity:Contains 3 WD repeats.,



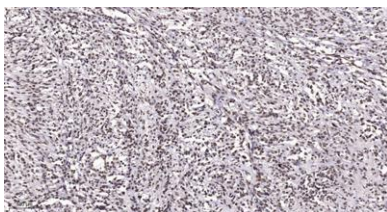
Western Blot analysis of 823 cells using RFWD3 Polyclonal Antibody diluted at 1:2000



Western blot analysis of lysates from MCF-7 cells, using RFWD3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using RFWD3 antibody.



Immunohistochemical analysis of paraffin-embedded human Small intestinal stromal tumor. 1, Tris-EDTA, pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200 (4° overnight). 3, Secondary antibody was diluted at 1:200 (room temperature, 45min).