bs-12512R

[Primary Antibody]

ARFBP1 Rabbit pAb



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— DATASHEET ————		400-901-9800
Host: Rabbit	lsotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500) IF (1:100-500)
GenelD: 10075	SWISS: Q7Z6Z7	ICC/IF (1:100-500)
Target: ARFBP1		ELISA (1:5000-10000)
Immunogen: KLH conjugated synthetic peptide derived from human ARF6: 3201-3400/43741.		Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep,
Purification: affinity purified by Protein A		Cow, Dog, Horse)
Concentration: 1mg/ml		Predicted
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		MW.: ^{482 kDa} Subcellular Location: ^{Cytoplasm} ,Nucleus
Background: E3 ubiquitin-protein ligase which mediates ubiquitination and subsequent proteasomal degradation of target proteins. Regulates apoptosis by catalyzing the polyubiquitination and degradation of MCL1. Mediates monoubiquitination of DNA polymerase beta (POLB) at 'Lys-41', 'Lys-61' and 'Lys-81', thereby playing a role in base-excision repair. Also ubiquitinates the p53/TP53 tumor suppressor and core histones including H1, H2A, H2B, H3 and H4. Binds to an upstream initiator-like sequence in the preprodynorphin gene. Regulates neural differentiation and proliferation by catalyzing the polyubiquitination and degradation of MYCN. May regulate abundance of CDC6 after DNA damage by polyubiquitinating and targeting CDC6 to degradation.		ites i of 4. ion y

- SELECTED CITATIONS -----

• [IF=9.727] Chen Y et al. Hypomethylation-Linked Activation of PLCE1 Impedes Autophagy and Promotes Tumorigenesis through MDM2-Mediated Ubiquitination and Destabilization of p53. Cancer Res. 2020 Jun

1;80(11):2175-2189. WB ;Human. 32066565

• [IF=8.378] Chen Y et al. Hypomethylation-linked activation of PLCE1 impedes autophagy and promotes tumorigenesis through MDM2-mediated ubiquitination and destabilization of p53. Cancer Res. 2020 Feb 17. pii: canres.1912.2019. WB ;Human. 32066565