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FRS2 Polyclonal Antibody

Cat #: ABP51377 Size: 30μl /100μl /200μl

Product Information

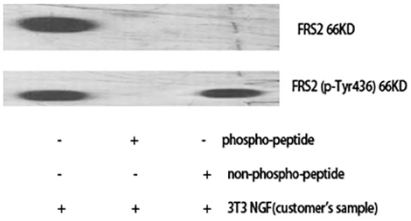
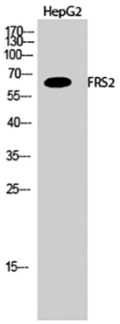
	Product Name: FRS2 Polyclonal Antibody		
	Applications: WB, ELISA		**Isotype:** Rabbit IgG
	Reactivity: Human, Mouse		
REF	**Catalog Number:** ABP51377	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	**Storage:** Store at -20°C. Avoid repeated freeze / thaw cycles.		**Note:** Contain sodium azide.

Background: FRS2 is a gene on chromosome 12q15 that encodes an adapter protein which links activated FGR and NGF receptors to downstream signalling pathways. Fibroblast growth factor receptor substrate 2 plays a key role in activating MAP kinases and in phosphorylating PIK3R1, the regulatory subunit of phosphatidylinositol 3-kinase, in response to ligand-mediated activation of FGFR1. Fibroblast growth factor receptor substrate 2 modulates signalling via SHC1 by competing with it for a common binding site on NTRK1. It is usually part of heteromultimeric protein complexes, and it is highly expressed in the heart, brain, spleen, lungs, liver, skeletal muscle, kidneys and testes.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:40000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

	Fig.1. Western Blot analysis of various cells using FRS2 Polyclonal Antibody diluted at 1:1000.
	Fig.2. Western Blot analysis of HepG2 cells using FRS2 Polyclonal Antibody diluted at 1:1000.

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