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Anti-KRAS+HRAS+NRAS Rabbit Monoclonal Antibody

Catalog # ABO14183

Product Information

Application	WB, IF, ICC, IP, FC
Primary Accession	P01111/P01112/P01116
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-KRAS+HRAS+NRAS Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

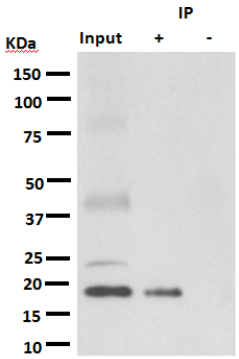
Additional Information

Calculated MW	21229 Da
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 IP 1:50 FC 1:200
Subcellular Localization	Cell membrane ; Lipid-anchor ; Cytoplasmic side. Golgi apparatus membrane ; Lipid-anchor. Shuttles between the plasma membrane and the Golgi apparatus.
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: EBE-14
Immunogen	A synthesized peptide derived from human KRAS+HRAS+NRAS
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Images

KRAS+HRAS+NRAS was immunoprecipitated from 1mg of A549 whole cell lysate. A549 whole cell lysate 10ug



(Input). The second antibody be without interference from denatured IgG.

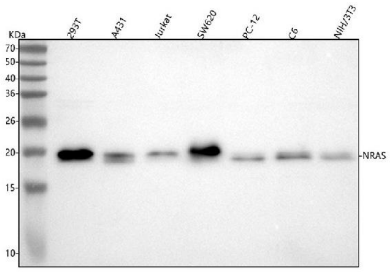


Figure 1. Western blot analysis of KRAS+HRAS+NRAS using anti-KRAS+HRAS+NRAS antibody (M00099-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human 293T whole cell lysates,
Lane 2: human A431 whole cell lysates,
Lane 3: human Jurkat whole cell lysates,
Lane 4: human SW620 whole cell lysates,
Lane 5: rat PC-12 whole cell lysates,
Lane 6: rat C6 whole cell lysates,
Lane 7: mouse NIH/3T3 whole cell lysates.
After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-KRAS+HRAS+NRAS antigen affinity purified monoclonal antibody (Catalog # M00099-1) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for KRAS+HRAS+NRAS at approximately 21 kDa. The expected band size for KRAS+HRAS+NRAS is at 21 kDa.