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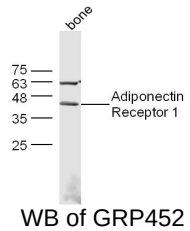
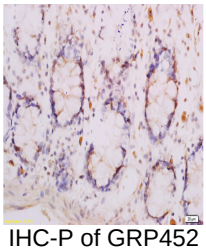
Product Datasheet

AKT2 Polyclonal Antibody
GRP452

Description	IGF-1 leads to the activation of AKT3, which may play a role in regulating cell survival. Capable of phosphorylating several known proteins. Truncated isoform 2/PKB gamma 1 without the second serine phosphorylation site could still be stimulated but to a lesser extent. [subcellular location] Cytoplasmic and membrane-associated after cell stimulation leading to its translocation. In adult tissues, it is highly expressed in brain, lung and kidney, but weakly in heart, testis and liver. In fetal tissues, it is highly expressed in heart, liver and brain and not at all in kidney. Belongs to the Ser/Thr protein kinase family. RAC subfamily.
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IHC-P, WB
Immunogen	KLH conjugated synthetic peptide derived from human AKT2
Form/Appearance	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Concentration	1ug/ul
Storage	Store at -20°C for 12 months.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by Protein A.
Entrez	**208**
Dilution Range	WB: 1:300-1000, IHC-P: 1:200-400



WB of GRP452


IHC-P of GRP452