

DRAK2 rabbit pAb**Cat#: orb765074 (Manual)**

For research use only. Not intended for diagnostic use.

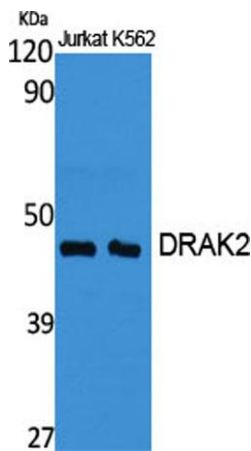
Product Name	DRAK2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human STK17B. AA range:251-300
Specificity	DRAK2 Polyclonal Antibody detects endogenous levels of DRAK2 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	Serine/threonine-protein kinase 17B
Gene Name	STK17B
Cellular localization	Nucleus . Cell membrane . Endoplasmic reticulum-Golgi intermediate compartment . Colocalizes with STK17B at the plasma membrane. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Explore. Bioreagents.

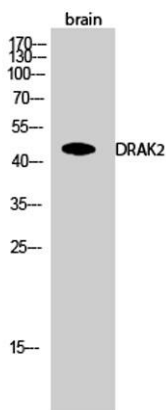
Concentration	1 mg/ml
Observed band	45kD
Human Gene ID	9262
Human Swiss-Prot Number	O94768
Alternative Names	STK17B; DRAK2; Serine/threonine-protein kinase 17B; DAP kinase-related apoptosis-inducing protein kinase 2

Background

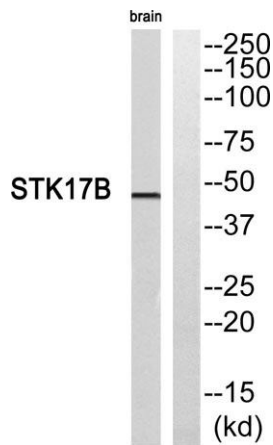
catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Acts as a positive regulator of apoptosis.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. DAP kinase subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with CHP causing CHP to translocate from the Golgi to the nucleus.,tissue specificity:Highly expressed in placenta, lung, pancreas. Lower levels in heart, brain, liver, skeletal muscle and kidney.,



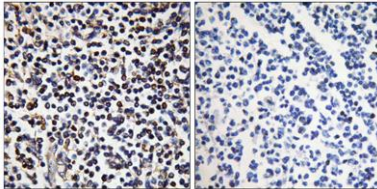
Western Blot analysis of various cells using DRAK2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Western Blot analysis of brain cells using DRAK2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Western blot analysis of STK17B Antibody. The lane on the right is blocked with the STK17B peptide.



Immunohistochemistry analysis of paraffin-embedded human tonsil, using STK17B Antibody. The lane on the right is blocked with the STK17B peptide.