

STK39 Polyclonal Antibody

Catalog NumberPA5-19140

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Goat / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	6 µg/mL
Type	Antibody	Western Blot (WB)	0.3-1 µg/mL
Immunogen	Synthetic peptide sequence (SQEKSRRVKEENPE) corresponding to the internal amino acids of STK39	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Purification	Ammonium sulfate precipitation		
Storage buffer	TBS, pH 7.3, with 0.5% BSA		
Contains	0.02% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with canine, mouse and rat based on sequence homology. This antibody is tested in Peptide ELISA: antibody detection limit dilution 4,000.

Background/Target Information

STK39 (STLK3) is involved in the cellular stress response pathway. STK39 is activated in response to hypotonic stress leading to phosphorylation of several cation-chloride-coupled co-transporters. STK39 activates the p38 MAP kinase pathway and its interaction with p38 decreases during cellular stress. STK39 acts as an intermediate in the response to cellular stress. STK39 is also an independent risk factor for hypertension in men and its intragenic SNPs can interact and function in the control of blood pressure.

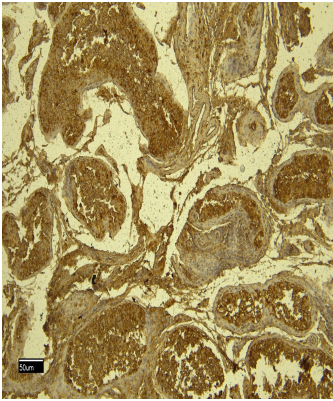
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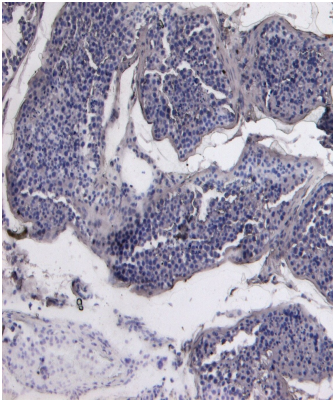
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Product Images For STK39 Polyclonal Antibody



STK39 Antibody (PA5-19140) in IHC (P)

Immunohistochemistry (PFA fixed) analysis of STK39 using STK39 Polyclonal Antibody (Product # PA5-19140) (6 μg /mL) in staining of paraffin embedded Human Testis. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



STK39 Antibody (PA5-19140) in IHC (P)

Negative Control for STK39 Polyclonal Antibody (Product # PA5-19140), showing immunohistochemical staining of paraffin embedded Human Testis, with no primary antibody.



STK39 Antibody (PA5-19140) in WB

Western blot analysis of STK39 using STK39 Polyclonal Antibody (Product # PA5-19140) (0.3 μg/mL) in staining of Human Cerebellum (35 μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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