

## Product datasheet for **TA386746**

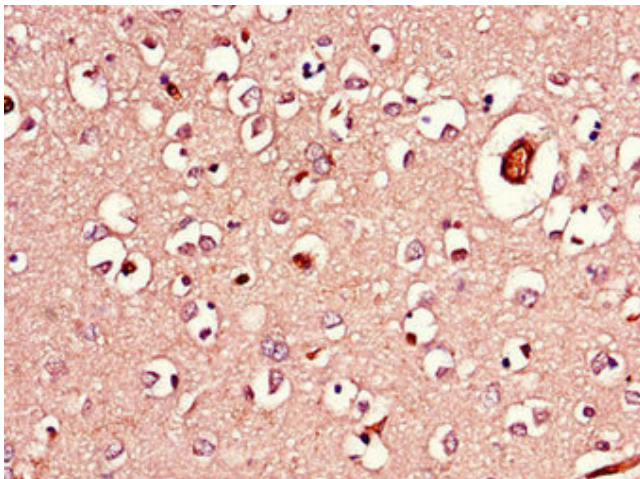
### AGK Rabbit Polyclonal Antibody

#### Product data:

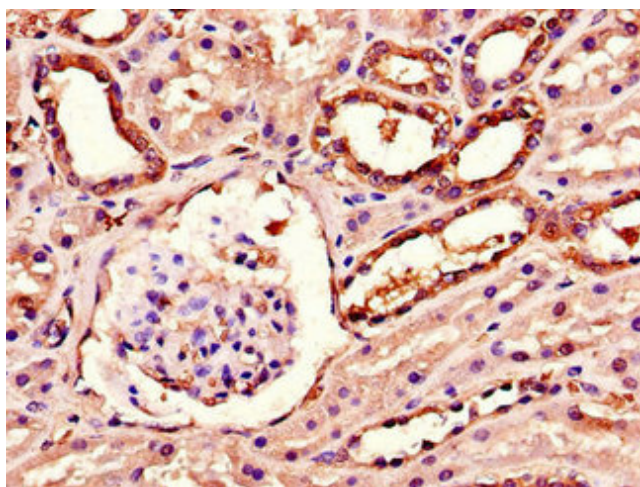
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200
Reactivity:	Mouse, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human Acylglycerol kinase, mitochondrial protein (32-65AA)
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration:	lot specific
Purification:	>95%, Protein G purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	<a href="#">Q53H12</a>
Background:	Lipid kinase that can phosphorylate both monoacylglycerol and diacylglycerol to form lysophosphatidic acid (LPA) and phosphatidic acid (PA), respectively. Does not phosphorylate sphingosine. Overexpression increases the formation and secretion of LPA, resulting in transactivation of EGFR and activation of the downstream MAPK signaling pathway, leading to increased cell growth.



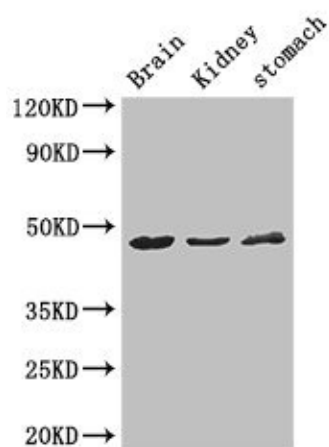
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**Product images:**

Immunohistochemistry of paraffin-embedded human brain tissue using TA386746 at dilution of 1:100



Immunohistochemistry of paraffin-embedded human kidney tissue using TA386746 at dilution of 1:100



#### Western Blot

Positive WB detected in: Mouse brain tissue, Mouse kidney tissue, Mouse stomach tissue

All lanes: AGK antibody at 3 $\mu$ g/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 48, 8 kDa

Observed band size: 48 kDa