

PERK Polyclonal Antibody

Catalog No. E-AB-34095

Note: Centrifuge before opening to ensure complete recovery of vial contents.

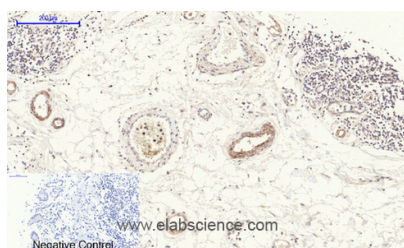
Description

Reactivity	Human, Mouse, Rat
Immunogen	Synthesized peptide derived from human PERK around the non-phosphorylation site of Thr981.
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

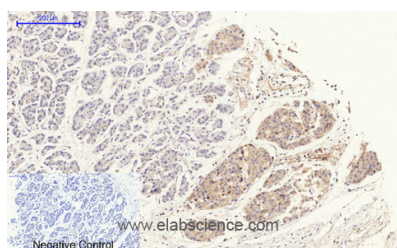
IHC	1:100-1:300
IF	1:50-1:200
ELISA	1:40000

Data

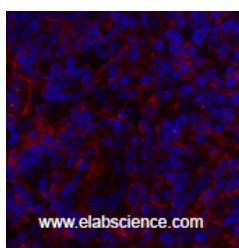


Immunohistochemistry of paraffin-embedded Human stomach tissue using PERK Polyclonal Antibody at dilution of 1:200.

Observed Mw:125kDa
Calculated Mw:125kDa



Immunohistochemistry of paraffin-embedded Human stomach cancer tissue using PERK Polyclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Rat spleen tissue using PERK Polyclonal Antibody at dilution of 1:200.

For Research Use Only

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Phosphorylates the alpha subunit of eukaryotic translation-initiation factor 2 (EIF2), leading to its inactivation and thus to a rapid reduction of translational initiation and repression of global protein synthesis. Serves as a critical effector of unfolded protein response (UPR)-induced G1 growth arrest due to the loss of cyclin D1.