

PERK Polyclonal Antibody

catalog number: E-AB-70363

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

Description

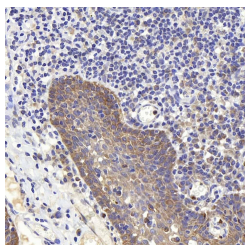
Reactivity	Human
Immunogen	KLH conjugated Synthetic peptide corresponding to Human PERK
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications

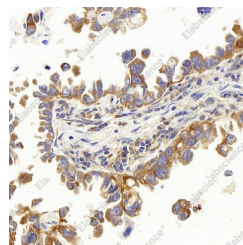
Recommended Dilution

IHC	1:400-1000
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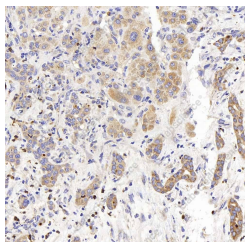
Data



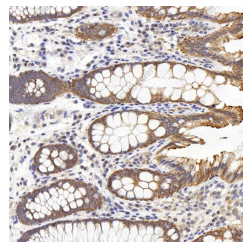
Immunohistochemistry analysis of paraffin-embedded human tonsil using PERK Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using PERK Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using PERK Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded human colon using PERK Polyclonal Antibody at dilution of 1:500.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

The protein encoded by this gene 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. It is a type I membrane protein located in the endoplasmic reticulum (ER), where it is induced by ER stress caused by misfolded proteins. Mutations in this gene are associated with Wolcott-Rallison syndrome.

For Research Use Only

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