NAPRT Polyclonal Antibody

catalog number: **E-AB-18968**

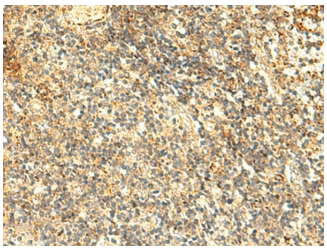
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

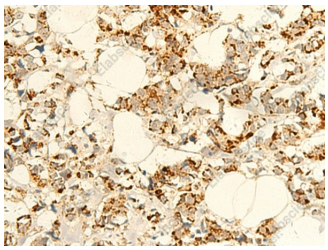
Reactivity	Human
Immunogen	Fusion protein of human NAPRT
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
IHC	1:50-1:300

Data



Immunohistochemistry of paraffin-embedded Human tonsil tissue using NAPRT Polyclonal Antibody at dilution of 1:50(×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using NAPRT Polyclonal Antibody at dilution of 1:50(×200)

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

Nicotinic acid (NA) is a coenzyme in cellular redox reactions,and is an essential component of metabolic pathways in all living cells. NAPRT1 (Nicotinate phosphoribosyltransferase) is essential for increasing cellular NAD levels and,thus,to prevent oxidative stress of cells. NAPRT1 converts Nicotinic acid (NA; niacin) to NA mononucleotide (NaMN), which is then converted to NA adenine dinucleotide (NaAD),and finally to nicotinamide adenine dinucleotide (NAD).

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