

SMYD4 Polyclonal Antibody

catalog number: E-AB-11590

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

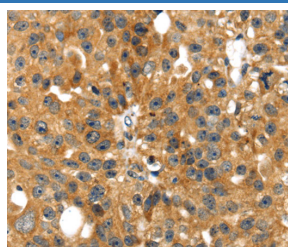
Description

Reactivity	Human
Immunogen	Recombinant protein of human SMYD4
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

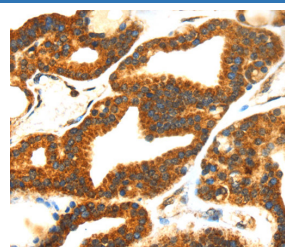
Applications

Applications	Recommended Dilution
IHC	1:30-1:150

Data



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using SMYD4 Polyclonal Antibody at dilution 1:40



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using SMYD4 Polyclonal Antibody at dilution 1:40

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

SMYD4, also named as SET and MYND domain-containing protein 4, is a 804 amino acid protein, which contains 1 MYND-type zinc finger and 1 SET domain. SMYD4 belongs to the class V-like SAM-binding methyltransferase superfamily. SMYD4, as a potential tumor suppressor, plays a critical role in breast carcinogenesis at least partly through inhibiting the expression of Pdgfr-alpha, and could be a novel target for improving treatment of breast cancer. SMYD4 is a muscle-specific transcriptional modulator involved in development.

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