ZNHIT3 Polyclonal Antibody

catalog number: E-AB-53535

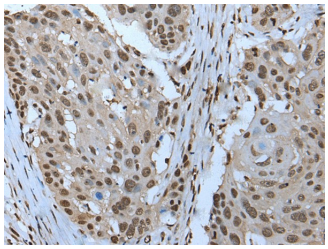
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

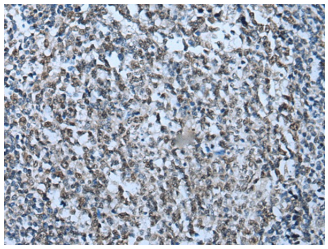
Reactivity	Human
Immunogen	Synthetic peptide of human ZNHIT3
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
IHC	1:45-1:300

Data



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ZNHIT3 Polyclonal Antibody at dilution of 1:95(×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using ZNHIT3 Polyclonal Antibody at dilution of 1:95(×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

ZNHIT3 (zinc finger, HIT-type containing 3), also known as TRIP3 (thyroid receptor-interacting protein 3) or HNF-4a coactivator, is a 155 amino acid protein that contains one HIT-type zinc finger and regulates PPAR -mediated adipocyte differentiation.ZNHIT3 also coactivates HNF-4 , and as a thyroid receptor interacting protein, ZNHIT3 interacts with the ligand binding domain of the thyroid receptor.The gene encoding ZNHIT3 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes.Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1.Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome.Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes.

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