C16orf45 Polyclonal Antibody

Catalog Number:E-AB-17744

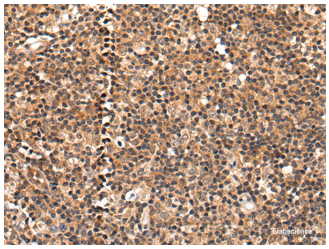
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

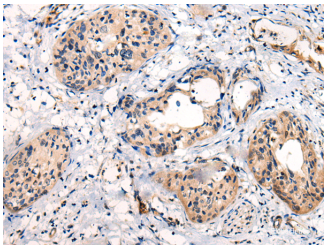
Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide of human C16orf45
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4

Applications	Recommended Dilution
IHC	1:30-1:150
ELISA	1:5000-1:10000

Data



Immunohistochemistry of paraffin-embedded Human tonsil tissue using C16orf45 Polyclonal Antibody at dilution of 1:45(×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using C16orf45 Polyclonal Antibody at dilution of 1:45(×200)

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

C16orf45, also known as FLJ32618, is a 204 amino acid protein encoded by a gene mapping to human chromosome 16. Chromosome 16 encodes over 900 genes in approximately 90 million base pairs, makes up nearly 3% of human cellular DNA and is associated with a variety of genetic disorders. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, though through the CREBBP gene which encodes a critical CREB binding protein. Signs of Rubinstein-Taybi include mental retardation and predisposition to tumor growth and white blood cell neoplasias. Crohn's disease is a gastrointestinal inflammatory condition associated with chromosome 16 through the NOD2 gene. An association with systemic lupus erythematosis and a number of other autoimmune disorders with the pericentromeric region of chromosome 16 has led to the identification of SLC5A11 as a potential autoimmune modifier.

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