WAPL Antibody

Catalog No: #43647

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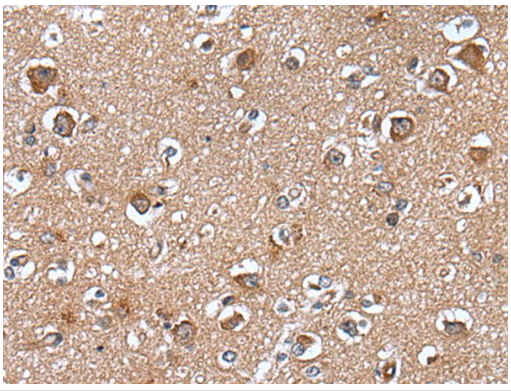
Description

Product Name	WAPL Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total WAPL protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human WAPL
Target Name	WAPL
Other Names	FOE; WAPAL; KIAA0261
Accession No.	Swiss-Prot#: Q7Z5K2NCBI Gene ID: 23063
Uniprot	Q7Z5K2
GeneID	23063;
Concentration	0.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

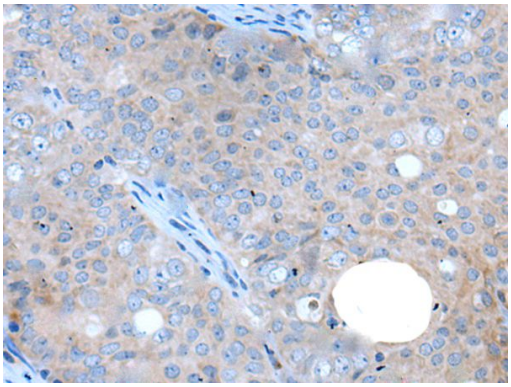
Application Details

Immunohistochemistry: 1: 20-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using WAPL Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using WAPL Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

WAPL (wings apart-like), also known as WAPAL or FOE, is a 1,190 amino acid protein that contains one WAPL domain and is expressed as two alternatively spliced isoforms, one of which localizes to the nucleus. Expressed in an isoform-dependent manner in heart, skeletal muscle and uterine cervix tumor tissue, WAPL is involved in sister-chromatid adhesion and overall cell growth, specifically playing a role in the development and metastasis of cancerous tissue. The gene encoding WAPL maps to human chromosome 10, which houses over 1,200 genes and comprises nearly 4.5% of the human genome. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromatic deafness, WolmanB‘B—s syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

Note: This product is for in vitro research use only