10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-SERINC1 Antibody

Catalog # AP60730

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q9NRX5
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50495

Additional Information

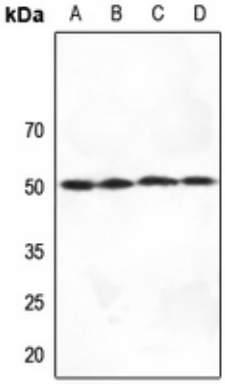
Gene ID	57515
Other Names	KIAA1253; TDE1L; TDE2; Serine incorporator 1; Tumor differentially expressed protein 1-like; Tumor differentially expressed protein 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human SERINC1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

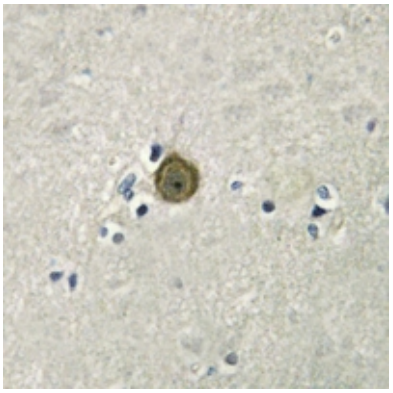
Name	SERINC1
Synonyms	KIAA1253, TDE1L, TDE2
Function	Enhances the incorporation of serine into phosphatidylserine and sphingolipids.
Cellular Location	Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q7TNK0}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q7TNK0}

Images

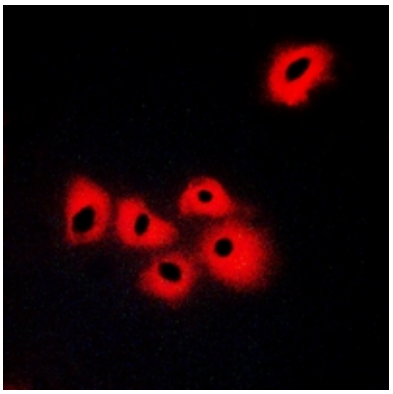
Western blot analysis of SERINC1 expression in A549 (A), MCF7 (B), mouse brain (C), rat brain (D) whole cell lysates.



(Predicted band size: 50 kD; Observed band size: 50 kD)



Immunohistochemical analysis of SERINC1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of SERINC1 staining in HuvEc cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.