

## DPP6 Antibody FITC Conjugated

Catalog No: #C07653F

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## Description

Product Name	DPP6 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human DPP6
Conjugates	FITC
Target Name	DPP6
Other Names	Dipeptidyl aminopeptidase like protein 6; Dipeptidyl aminopeptidase related protein; Dipeptidyl peptidase 6; Dipeptidyl peptidase IV like protein; Dipeptidylpeptidase 6; Dipeptidylpeptidase VI; DPPX; DPP6_HUMAN.
Accession No.	NCBI Gene ID1804
Uniprot	P42658
GeneID	1804;
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

ICC=1:50-200 IF=1:50-200

## Background

DPP6 is a Type-II serine proteinase of the clan SC. The clan SC proteinases have a catalytic triad of Ser-Asp-His, and like other Serine proteinases, the active site serine is in a Gly-Xaa-Ser-Xaa -Gly orientation. DPP6 has an Asp instead of Ser in the catalytic site. DPP6 is a member of a broader family of dipeptidyl peptidases including DPP4, FAP Sepsase, DPP2, DPP8, DPP9, DPP10, which have differing substrate specificity and tissue localizations. The surface-bound DPP6 is a homodimer, and cleavage of in the stalk region releases a shed form of DPP6. The shed is the form found in serum. DPP6 has been found in highest abundance in the brain, but also in the kidney, liver and lung.

Note: This product is for in vitro research use only