

ESD Rabbit pAb

Catalog # AP97681

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P10768
Other Accession	P10768
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31463
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ESD
Epitope Specificity	7-110/282
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the esterase D family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a serine hydrolase that belongs to the esterase D family. The encoded enzyme is active toward numerous substrates including O-acetylated sialic acids, and it may be involved in the recycling of sialic acids. This gene is used as a genetic marker for retinoblastoma and Wilson's disease. [provided by RefSeq, Feb 2009]

Additional Information

Gene ID	2098
Other Names	FGH; Es-10; Es10; sid478; ESTD_HUMAN; ESD; Esterase D; Methylumbelliferyl-acetate deacetylase; 3.1.2.12; ESTD_MOUSE; Esterase 10; Sid 478; ESTD_RAT; esterase D/formylglutathione hydrolase; S-formylglutathione hydrolase
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ESD
Function	Serine hydrolase involved in the detoxification of formaldehyde.

Cellular Location

Cytoplasm. Cytoplasmic vesicle.

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