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ESD Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5122

Product Information

Application	WB
Primary Accession	P10768
Other Accession	Q9GJT2
Reactivity	Mouse, Rat, Human
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31463
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Gene ID	2098
Antigen Region	68-102
Other Names	S-formylglutathione hydrolase, FGH, Esterase D, Methylumbelliferyl-acetate deacetylase, ESD
Dilution	WB~~1:1000
Target/Specificity	This ESD antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 68-102 amino acids from the Central region of human ESD.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ESD Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

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

Cellular Location Cytoplasm. Cytoplasmic vesicle.

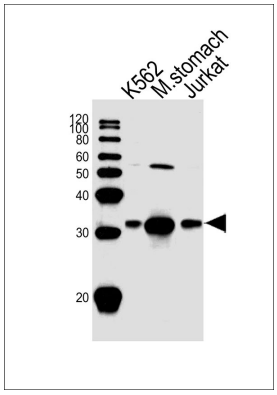
Background

Serine hydrolase involved in the detoxification of formaldehyde.

References

Lee E.Y.-H.P.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:6337-6341(1986).
Young L.-J.S.,et al.Hum. Genet. 79:137-141(1988).
Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Dunham A.,et al.Nature 428:522-528(2004).

Images



Western blot analysis of lysates from K562 cell line,mouse stomach tissue,Jurkat cell line (from left to right), using ESD Antibody (Center)(Cat. #AW5122). AW5122 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.