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

ESD Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20553c

Product Information

Application	WB, E
Primary Accession	P10768
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB47739
Calculated MW	31463

Additional Information

Gene ID	2098
Other Names	S-formylglutathione hydrolase, FGH, Esterase D, Methylumbelliferyl-acetate deacetylase, ESD
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.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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.

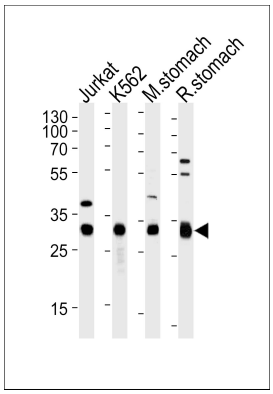
Background

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 Jurkat, K562 cell line, mouse stomach and rat stomach tissue (from left to right), using ESD Antibody (Center) (Cat. #AP20553c). AP20553c was diluted at 1:1000 at each lane. A goat anti-rabbit(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

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