

## ARG55766 anti-ESD antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes ESD
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ESD
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 68-102 (Center) of Human ESD.
Conjugation	Un-conjugated
Alternate Names	Methylumbelliferyl-acetate deacetylase; Esterase D; EC 3.1.1.56; S-formylglutathione hydrolase; FGH; EC 3.1.2.12

### Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	K562	

### Properties

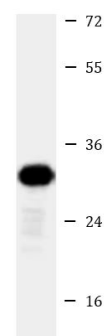
Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	ESD
Gene Full Name	esterase D
Background	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]
Function	Serine hydrolase involved in the detoxification of formaldehyde. [UniProt]
Calculated Mw	31 kDa
Cellular Localization	Cytoplasm. Cytoplasmic vesicle.

## Images

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ARG55766 anti-ESD antibody WB image

Western blot: 35 µg of K562 cell lysate stained with ARG55766 anti-ESD antibody at 1:1000 dilution.