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# Datasheet for ABIN7436960 anti-ESAM antibody (AA 29-248)

3 Images



## Overview

Quantity:	100 µL
Target:	ESAM
Binding Specificity:	AA 29-248
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ESAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

# Product Details

Purpose:	Polyclonal Antibody to Endothelial Cell Adhesion Molecule (ESAM)
Immunogen:	Recombinant Endothelial Cell Adhesion Molecule (ESAM) corresdonding to Ala29~Ser248 with N-terminal His Tag
Isotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ESAM. It has been selected for its ability to recognize ESAM in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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## Target Details

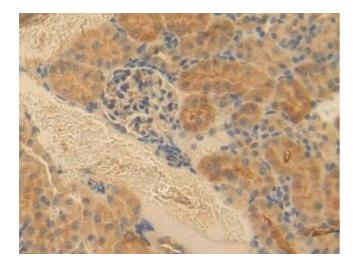
Target:	ESAM
Alternative Name:	Endothelial Cell Adhesion Molecule (ESAM Products)

# Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL
	Immunohistochemistry: 5-20 µg/mL
	Immunocytochemistry: 5-20 µg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at $37^\circ$ C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

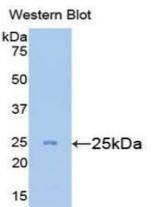
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



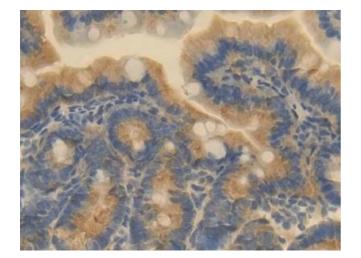
## Immunohistochemistry

**Image 1.** Detection of ESAM in Mouse Kidney Tissue using Polyclonal Antibody to Endothelial Cell Adhesion Molecule (ESAM)



## Western Blotting

**Image 2.** Detection of Recombinant ESAM, Mouse using Polyclonal Antibody to Endothelial Cell Adhesion Molecule (ESAM)



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#### Immunohistochemistry

**Image 3.** Detection of ESAM in Mouse Small intestine Tissue using Polyclonal Antibody to Endothelial Cell Adhesion Molecule (ESAM)

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