

Datasheet for ABIN7443062

anti-EpCAM antibody (AA 21-260)



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Overview

Quantity:	100 µL
Target:	EpCAM (EPCAM)
Binding Specificity:	AA 21-260
Reactivity:	Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EpCAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Epithelial Cell Adhesion Molecule (EPCAM)
Immunogen:	Recombinant Epithelial Cell Adhesion Molecule (EPCAM) corresponding to Asp21~Gly260 linked with LEHHHHHH with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against EPCAM. It has been selected for its ability to recognize EPCAM in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	EpCAM (EPCAM)
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Target Details

Alternative Name:	EPCAM (EPCAM Products)
Background:	CD326, TACSTD1, EGP, KSA, M4S1, MIC18, TROP1, HEGP2, ESA, Epithelial glycoprotein, Adenocarcinoma-associated antigen, Tumor Associated Calcium Signal Transducer 1
UniProt:	Q5F381

Application Details

Application Notes:	Western blotting: 0.01-3 µg/mL, Immunohistochemistry: 5-30 µg/mL, Immunocytochemistry: 5-30 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°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

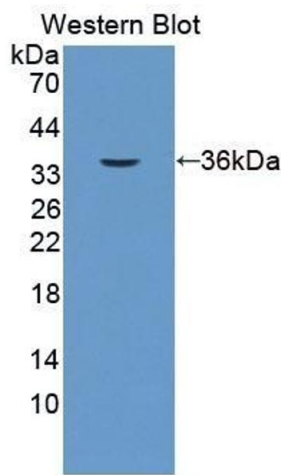
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
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



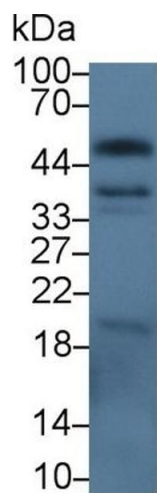
Western Blotting

Image 1. Detection of EPCAM in Gallus Stomach lysate using Polyclonal Antibody to Epithelial Cell Adhesion Molecule (EPCAM)



Western Blotting

Image 2. Detection of Recombinant EPCAM, Gallus using Polyclonal Antibody to Epithelial Cell Adhesion Molecule (EPCAM)



Western Blotting

Image 3. Detection of EPCAM in Gallus Kidney lysate using Polyclonal Antibody to Epithelial Cell Adhesion Molecule (EPCAM)