

# AB-NN310-1

## PUMA (CT) Antibody

Pan-specific polyclonal antibody for monitoring the expression of human PUMA (CT)



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Carbohydrate sulfotransferase 9 (PUMA)
<b>Alias:</b>	BBC3, BCL2 binding component 3, p53 up regulated modulator of apoptosis, PUMA/JFY1
<b>UniProt ID:</b>	Q9BXH4 - Human
<b>Human Predicted Mass (KDa):</b>	52.055 (443 AA; Q7L1S5-1); 8.591 (74 AA; Q7L1S5-2)
<b>Observed SDS-PAGE Mass (KDa):</b>	23

### Immunogen

<b>Antibody Immunogen Source:</b>	C-terminal amino acids of human PUMA
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### Production

<b>Antibody Host Species:</b>	Rabbit
<b>Antibody Type:</b>	Polyclonal
<b>Antibody Ig Isotype Clone Lot:</b>	175 Mix
<b>Antibody Purification:</b>	Affinity purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline pH 7.4, 0.02% sodium azide
<b>Storage Conditions and Stability:</b>	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

### Applications

<b>Product Use:</b>	WB   ICC/IF
<b>Antibody Dilution Recommended:</b>	WB (1:1000), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse
<b>Antibody Positive Control:</b>	1 µg/ml of SPC-166 was sufficient for detection of PUMA in 20 µg of human K562 cell lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	Detects a ~23 kDa protein. Detects a ~16 kDa protein bands sometimes, possibly corresponding to PUMAβ.
<b>Antibody Specificity:</b>	Medium

This product is for in vitro research use only and is not intended for use in humans or animals.

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