

# AB-NN082-3

## p53 Antibody

Pan-specific polyclonal antibody for monitoring the expression of human p53



# KINEXUS

Address: 8755 Ash Street, Suite 1  
Vancouver, British Columbia,  
Canada V6P 6T3

Email: [info@kinexus.ca](mailto:info@kinexus.ca)  
Phone: 604-323-2547

### Target Protein

<b>Name Long:</b>	Cellular tumour antigen p53
<b>Alias:</b>	TP53, Tumour Protein 53, BCC7, LFS1, TRP53, p53 tumor suppressor
<b>UniProt ID:</b>	P04637 - Human
<b>Human Predicted Mass (KDa):</b>	43.653 (393 AA; P04637-1); 39.320 (354 AA; P04637-4); 38.501 (346 AA; P04637-3); 37.862 (341 AA; P04637-2); 34.168 (307 AA; P04637-6); 33.493 (302 AA; P04637-5); 29.553 (261 AA; P04637-7); 23.726 (209 AA; P04637-8); 24.401 (214 AA; P04637-9)
<b>Observed SDS-PAGE Mass (KDa):</b>	53

### Immunogen

<b>Antibody Immunogen Source:</b>	Synthetic peptide from the C-terminal of human tumor protein p53.
-----------------------------------	---

### Production

<b>Antibody Host Species:</b>	Rabbit
<b>Antibody Type:</b>	Polyclonal
<b>Antibody Ig Isotype Clone Lot:</b>	26 Mix
<b>Antibody Purification:</b>	Peptide 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, 50% glycerol, 0.09% 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
<b>Antibody Dilution Recommended:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human
<b>Target Detection Immunoblotting:</b>	Predicted molecular weight at ~43.7 kDa protein. Detects a ~53 kDa protein.

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

For more information on our products please visit [www.kinexusproducts.ca](http://www.kinexusproducts.ca) or contact us at 1-888-546-3987