

# AB-NN140-1

## Nrf2 Antibody

Pan-specific polyclonal antibody for monitoring the expression of human Nrf2



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### Target Protein

<b>Name Long:</b>	Nuclear factor erythroid 2-related factor 2 (Nrf2)
<b>Alias:</b>	NFE2L2, HEBP1, NRF2
<b>UniProt ID:</b>	Q16236 - Human
<b>Human Predicted Mass (kDa):</b>	67.827 (605 AA; Q16236-1); 66.076 (589 AA; Q16236-2); 65.356 (582 AA; Q16236-3)

### Immunogen

<b>Antibody Immunogen Source:</b>	Peptide derived from human Nrf2 protein (a.a. 445-458)
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### Production

<b>Antibody Host Species:</b>	Goat
<b>Antibody Type:</b>	Polyclonal
<b>Antibody Ig Isotype Clone Lot:</b>	164 Mix
<b>Antibody Purification:</b>	Affinity purified
<b>Amount:</b>	12.5 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Tris buffered saline, pH 7.3, 0.02% sodium azide, 0.5% bovine serum albumin
<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>	ELISA, WB
<b>Antibody Dilution Recommended:</b>	1:500-1500 (WB), 1:64000 (ELISA)
<b>Antibody Species Reactivity:</b>	Bovine, Canine, Porcine, Human, Rat, Mouse
<b>Antibody Positive Control:</b>	A 1:1500 dilution of SPC-218 was sufficient for detection of Nrf2 in 35 µg of human lung lysate by electrochemiluminescence analysis using donkey anti-goat IgG:HRP as the secondary antibody.

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