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Product datasheet for TA341879

NOX1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NOX1 antibody: synthetic peptide directed towards the C terminal of human NOX1. Synthetic peptide located within the following region: STIATSHPKSVVGVFLCGPRTLAKSLRKCCHRYSSLDPRKVQFYFNKENF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	65 kDa
Gene Name:	NADPH oxidase 1
Database Link:	NP_008983 Entrez Gene 27035 Human Q9Y5S8
Background:	This gene encodes a member ofThe NADPH oxidase family of enzymes responsible forThe catalytic one-electron transfer of oxygen to generate superoxide or hydrogen peroxide. Alternatively spliced transcript variants encoding multiple isoforms have been observed forThis gene. [provided by RefSeq, Nov 2012]
Synonyms:	GP91-2; MOX1; NOH-1; NOH1

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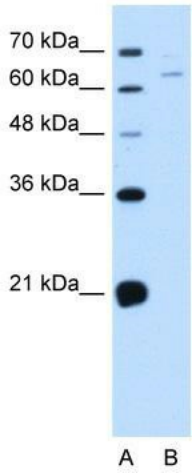
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Mouse: 93%; Zebrafish: 79%

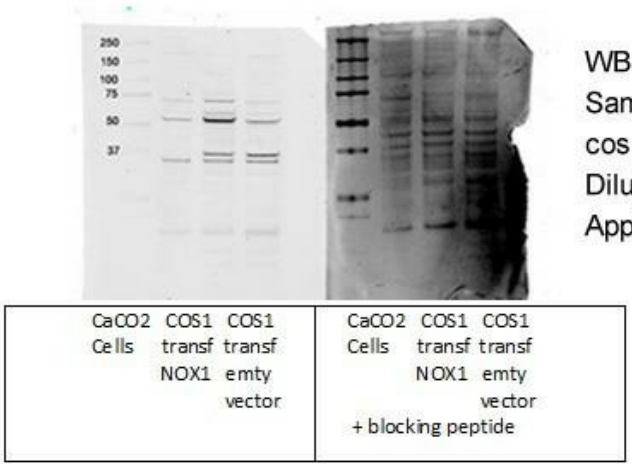
Protein Families: Druggable Genome, Ion Channels: Other, Transmembrane

Protein Pathways: Leukocyte transendothelial migration

Product images:



WB Suggested Anti-NOX1 Antibody Titration: 0.2-1 ug/ml; Positive Control: Jurkat cell lysate



NOX1 antibody - C-terminal region validated by WB using Epithelial Colorectal Adenocarcinoma CaCO2 at 1: 10.