

Product Datasheet

COX4 Antibody [CoraFluor™ 1] NB110-39115CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NB110-39115CL1

COX4 Antibody [CoraFluor™ 1]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Conjugate	CoraFluor 1
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Description	CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. CoraFluor(TM) 1, amine reactive CoraFluor(TM) 1, thiol reactive For more information, please see our CoraFluor(TM) TR-FRET technology flyer.
Host	Rabbit
Gene ID	1327
Gene Symbol	COX4I1
Species	Human, Mouse, Rat, Porcine, Bovine, Drosophila, Insect, Opossum, Primate
Reactivity Notes	Opossum reactivity reported in scientific literature (PMID: 28720662).
Marker	Mitochondria Marker
Immunogen	A synthetic peptide made to an internal region of human COX IV isoform 1 (within residues 1-100). [Swiss-Prot# P13073]
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation (ChIP), Knockdown Validated
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP), Knockdown Validated



Application Notes

Optimal dilution of this antibody should be experimentally determined.





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Products Related to NB110-39115CL1

NB110-39115PEP	COX4 Antibody Blocking Peptide
H00001327-Q01-10ug	Recombinant Human COX4 GST (N-Term) Protein
NBP1-04676	PGC1 alpha Antibody - BSA Free
NB100-56503	Cytochrome c Antibody (7H8.2C12) - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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