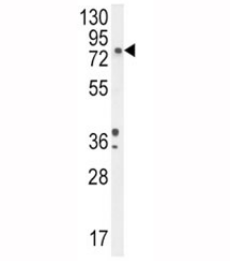
DBH Antibody (F41304)

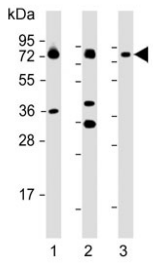
Catalog No.	Formulation	Size
F41304-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F41304-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

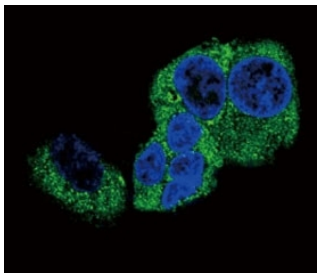
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P09172
Applications	Western Blot : 1:1000 Immunofluorescence : 1:10-1:50
Limitations	This DBH antibody is available for research use only.



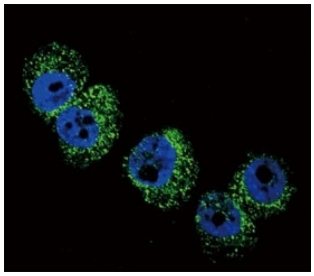
DBH antibody western blot analysis in A2058 lysate. Predicted molecular weight ~69 kDa.



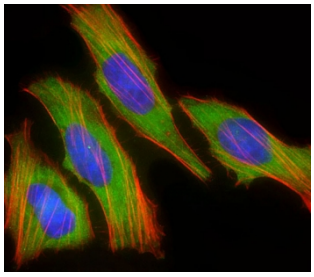
Western blot testing of 1) human SH-SY5Y, 2) mouse adrenal gland and 3) rat adrenal gland lysate with DBH antibody. Predicted molecular weight ~69 kDa.



Confocal immunofluorescent analysis of DBH antibody with HepG2 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used as a nuclear counterstain (blue).



Confocal immunofluorescent analysis of DBH antibody with A2058 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used as a nuclear counterstain (blue).



Immunofluorescent staining of PFA fixed and permeabilized human HeLa cells with DBH antibody (green), Phalloidin (red) and DAPI nuclear stain (blue).

Description

The protein encoded by this gene is an oxidoreductase belonging to the copper type II, ascorbate-dependent monooxygenase family. It is present in the synaptic vesicles of postganglionic sympathetic neurons and converts dopamine to norepinephrine. It exists in both soluble and membrane-bound forms, depending on the absence or presence, respectively, of a signal peptide. [provided by RefSeq].

Application Notes

Titration of the DBH antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 27-56 from the human protein was used as the immunogen for this DBH antibody.

Storage

Aliquot the DBH antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.