ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS

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DESCRIPTION

Archives of Biochemistry and Biophysics publishes quality original articles and reviews in the developing areas of biochemistry and biophysics. The focus of the journal is on studies that significantly advance mechanism. Scientifically valid reports of studies that do not advance the understanding of the underlying mechanism of the system under study are unlikely to be accepted.

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to detect superoxide by simple fluorescence measurements. Instead, specific identification of 2-hydroxyethidium products after separation from other products must be done. For hydrogen peroxide, the use of genetically encoded fluorescent probes that are sensitive and specific detectors is preferable. Boronate probes are also feasible. With both genetic and boronate probes, the possible involvement of peroxynitrite must be addressed.

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