Figure 5

Ascorbate peroxidase (APX) and superoxide dismutase (SOD) activities in rice leaves grown under different Pi application conditions. (a) shows the results of the total, cytosolic, and chloroplastic APX activities evaluated on the leaf area basis. The red, yellow, and green characters above the bars indicate the statistical results of the total, cytosolic, and chloroplastic APX activities, respectively. (b) shows the results of the chloroplastic APX activities evaluated on the chlorophyll basis. (c) shows the results of the total, Fe-, Mn-, and Cu/Zn-SOD activities evaluated on the leaf area basis. The gray and blue characters above the bars indicate the statistical results of the total and the Cu/Zn-SOD activities. These results are expressed as mean $\pm$ SD (n = 3). Different alphabets indicate significant differences among different Pi application conditions (Tukey-Kramer's HSD test, $p < 0.05$).