```
%Training and test results are saved into a csv file, different file
%chosen depending on the color channel
function saveResults(results, panchromatic)

    %Specify the file name
    if panchromatic
        filename = 'resultsY.csv';
    else
        filename = 'results.csv';
    end

    %Check if the file exists
    if exist(filename, 'file') == 0
        %If the file doesn't exist, create a new one and write the headers
        fid = fopen(filename, 'w');
        headers = {"DateTime","Accuracy","Precision","Recall","Hidden Layers", "Hidden Neurons", "Training Function","Training Time"};
        fprintf(fid, "%s, %s,%s,%s,%s, %s,%s,%s \n", headers{:});
    else
        %If the file exists, open it to append data
        fid = fopen(filename, 'a');
    end

    %Write the data to the file
    fprintf(fid, '%s,%4f,%4f,%4f,%d,%d,%s,%4f\n', results{:});

    %Close the file
    fclose(fid);
    %Close all open file handles
    fclose('all');

    clear headers results fid filename filename

end
```