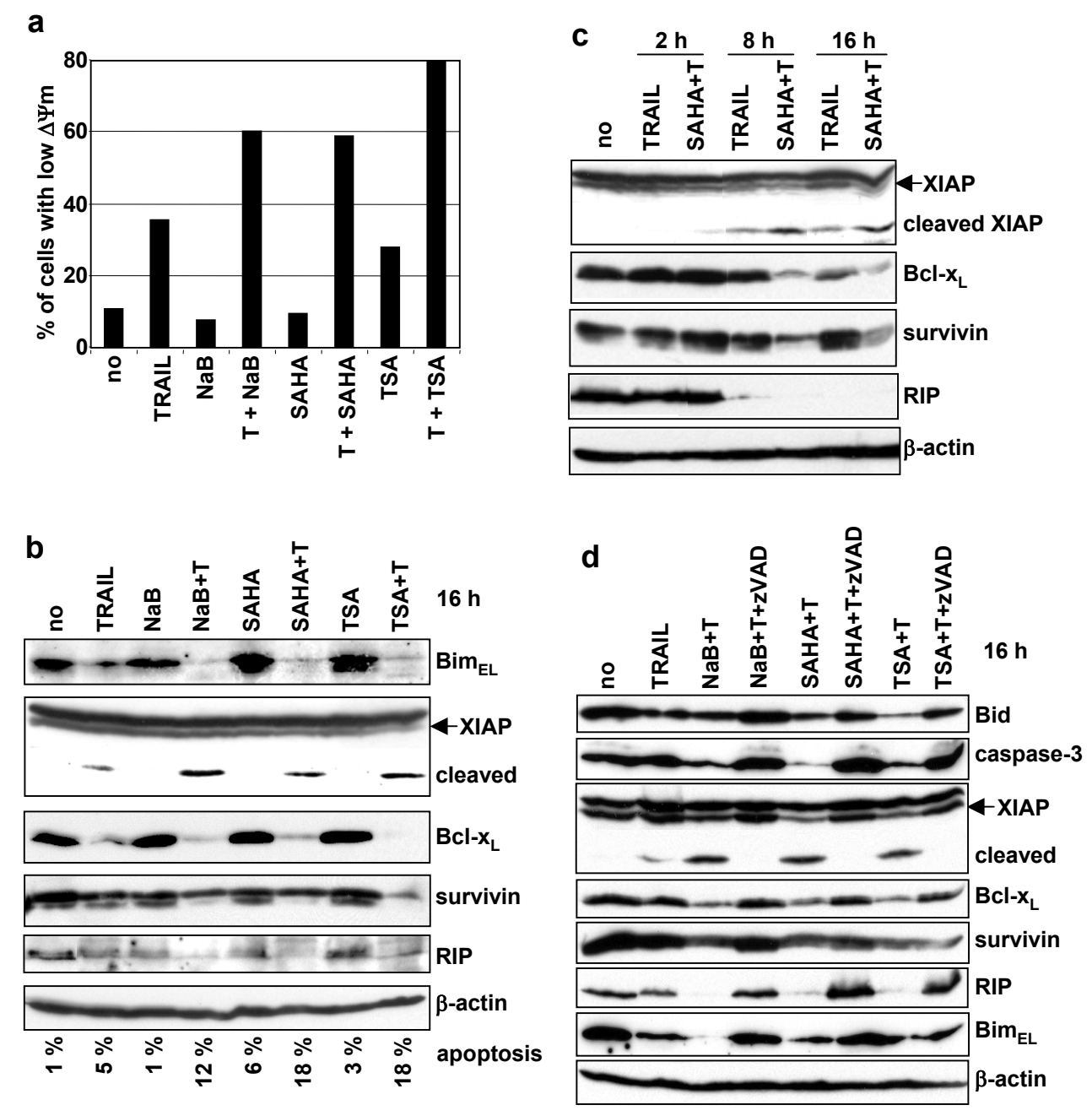
a
% of cells with low ΔΨm
80
60
40
20
0
no
TRAIL
NaB
T + NaB
SAHA
T + SAHA
TSA
T + TSA
c
2 h
8 h
16 h
no
TRAIL
SAHA+T
TRAIL
SAHA+T
TRAIL
SAHA+T
XIAP
cleaved XIAP
Bcl-xL
survivin
RIP
β-actin
b
no
TRAIL
NaB
NaB+T
SAHA
SAHA+T
TSA
TSA+T
16 h
BimEL
XIAP
cleaved
Bcl-xL
survivin
RIP
β-actin
1 %
5 %
1 %
12 %
6 %
18 %
3 %
18 %
apoptosis
d
no
TRAIL
NaB+T
NaB+T+zVAD
SAHA+T
SAHA+T+zVAD
TSA+T
TSA+T+zVAD
16 h
Bid
caspase-3
XIAP
cleaved
Bcl-xL
survivin
RIP
BimEL
β-actin