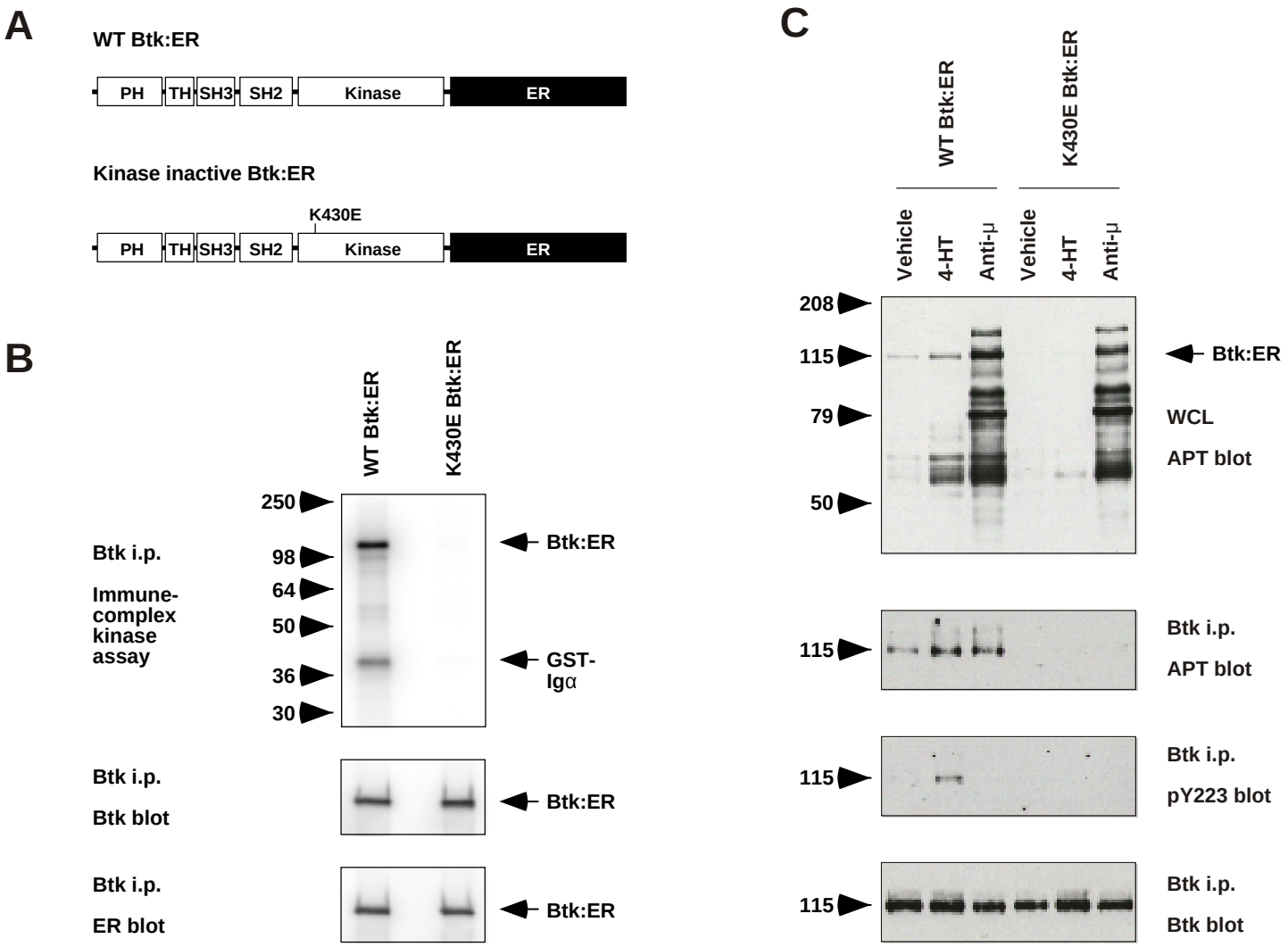
A
WT Btk:ER
PH
TH
SH3
SH2
Kinase
ER
Kinase inactive Btk:ER
K430E
PH
TH
SH3
SH2
Kinase
ER
B
WT Btk:ER
K430E Btk:ER
250
98
64
50
36
30
Btk i.p.
Immune-complex kinase assay
Btk:ER
GST-Igα
Btk i.p.
Btk blot
Btk:ER
Btk i.p.
ER blot
Btk:ER
C
WT Btk:ER
K430E Btk:ER
Vehicle
4-HT
Anti-μ
Vehicle
4-HT
Anti-μ
208
115
79
50
Btk:ER
WCL
APT blot
115
Btk i.p.
APT blot
115
Btk i.p.
pY223 blot
115
Btk i.p.
Btk blot