

$H^a_{Y=1/2}$

← HAS SU(2) INDEX  
 ← HAS HYPERCHARGE

$$\begin{aligned}
 D_\mu H^a = & \partial_\mu H^a - ig W_\mu^A (T^A)^a_b H^b \\
 & - ig' \left(\frac{1}{2}\right) B_\mu H^a
 \end{aligned}$$

↑  
 for Higgs